

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

68.97
46^{TH.} YEAR

OLDS

1933 CATALOG

"Tells the Truth" A.R.Y.

INCORPORATED

JAN 18 1933

U.S. Department of Agriculture

OLDS

SPECIALS

Imperator Carrot	- - - (108)	.08
Perfected Detroit Beet	- (49)	.10
Pritchard Tomato	- - - (428)	.12
Onward Peas	- - - - (332)	.10
Golden Gem Sweet Corn	(144)	.10
New York No. 12 Lettuce	(218)	.08
Tendergreen Bush Beans	- (17)	.10
		.68

Collection Price—one packet of each,

50c postpaid.

VEGETABLE
SEED TRIALS
HORTICULTURE

JAN 14 1933

SEEDS

For FIELD & GARDEN

BULBS · PLANTS · SEED POTATOES · TOOLS
FERTILIZER · INSECTICIDES · POULTRY SUPPLIES

L.L. OLDS SEED CO.

MADISON
WISCONSIN

CARROT

DANVERS HALF LONG



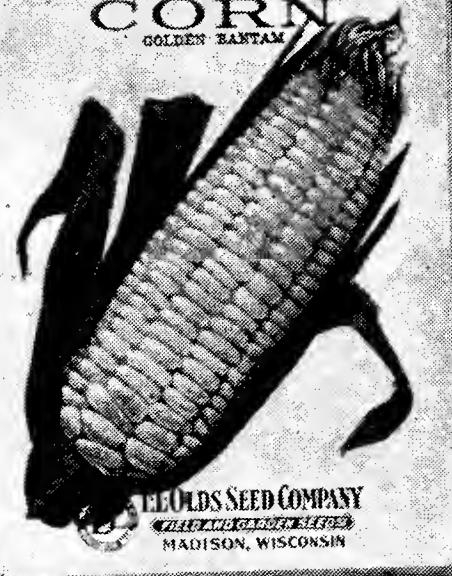
BEANS

PENCIL POD BLACK WAX



CORN

GOLDEN BANTAM



BEANS

STRINGLESS GREEN POD



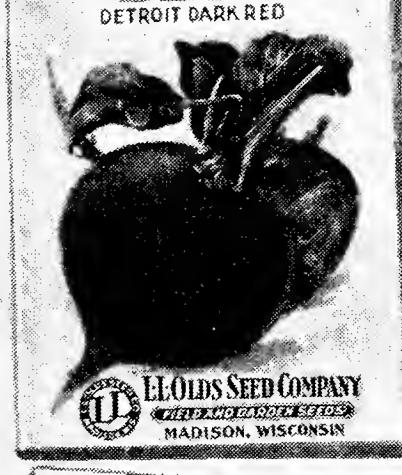
CABBAGE

DANISH BALLHEAD



BEET

DETROIT DARK RED



SPECIAL BARGAIN COLLECTION

16 Best Varieties for the Average Garden

Worth \$1.10 Price 60c postpaid

These sixteen leading standard varieties are especially adapted for an ordinary average garden and do not require large planting space. All packets are full size and the seed is from our regular high quality stock. All varieties are described in the catalog.

1 pkt. BEET, Detroit Dark Red (48)	\$0.07
1 pkt. BEANS, Stringless Green Pod, 2 ozs. (15) .....	.08
1 pkt. BEANS, Pencil Pod Black Wax, 2 ozs. (24) .....	.08
1 pkt. CARROT, Danvers Half Long (100) .....	.07
1 pkt. CABBAGE, Danish Ballhead (85) .....	.08
1 pkt. LETTUCE, Black Seeded Simpson (219) .....	.05
1 pkt. LETTUCE, May King (227) .....	.05
1 pkt. ONION, Yellow Globe Danvers (285) .....	.07
1 pkt. PARSLEY, Champion Moss Curled (305) .....	.05
1/2 lb. PEAS, Little Gem (329) .....	.17
1 pkt. RADISH, White Icicle (385) .....	.05
1 pkt. RADISH, Brightest White Tip (370 1/2) .....	.05
1 pkt. SWISS CHARD, Lucullus (52 1/2) .....	.05
1 pkt. SWEET CORN, Golden Bantam, 2 ozs. (142) .....	.05
1 pkt. TOMATO, John Baer (436 1/2) .....	.08
1 pkt. TURNIP, Purple Top White Globe (465) .....	.05
Total Value	\$1.10

SPECIAL PRICE, 60 CENTS, POSTPAID

No changes can be made in this collection.

PEAS

LITTLE GEM

1/2 Lb.

L. L. OLDS SEED COMPANY
MADISON, WISCONSIN

SWISS CHARD

LUCULLUS



TOMATO

JOHN BAER



RADISH

WHITE ICICLE



TURNIP

PURPLE TOP WHITE GLOBE



ONION

YELLOW GLOBE DANVERS



THESE FLOWER SEEDS ARE YOURS FREE.

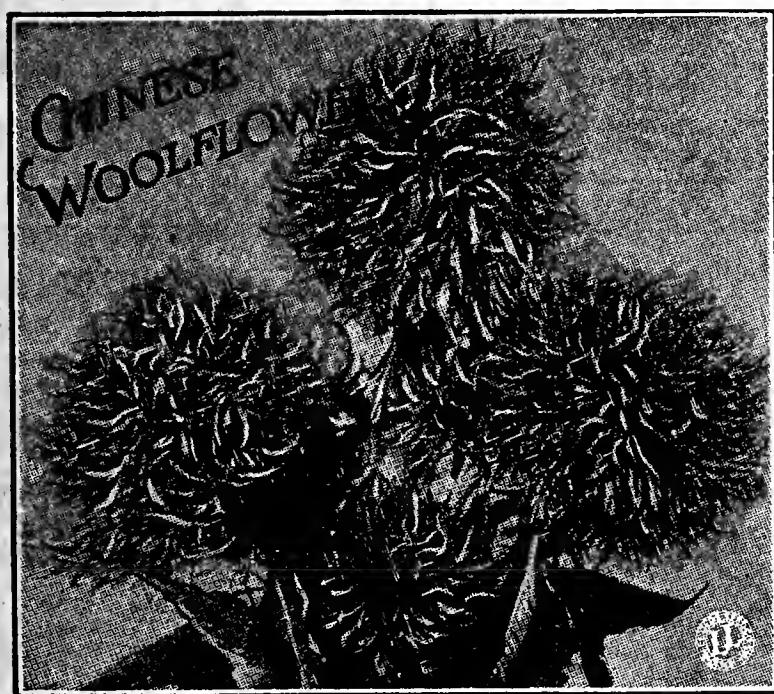
OFFER NO. I. With every order for Vegetable or Flower Seeds received before March 15th, amounting to \$1.50, not including Collections or Field Seeds, we will include absolutely free upon request these five easily grown, free-flowering annuals (Value 44c): 860—Balsam, Camellia Mixed; 1303—Celosia, Chinese Woolflower; 926½—Cosmos, Extra Early Colossal; 1145—Salpiglossis, Choice Mixed; 870—Escholtzia, Fine Mixed. All varieties fully described in the catalog.

OFFER NO. II. For a \$3.50 Vegetable or Flower Seed order received before March 15th we will include upon request, Offer No. I and furnish you 50c worth of Flower Seeds in packets of your own choice. Just add them to your regular order as Premium Seeds.

PLEASE NOTE.—See next page for additional offers. Choose one Premium Offer only on your order.



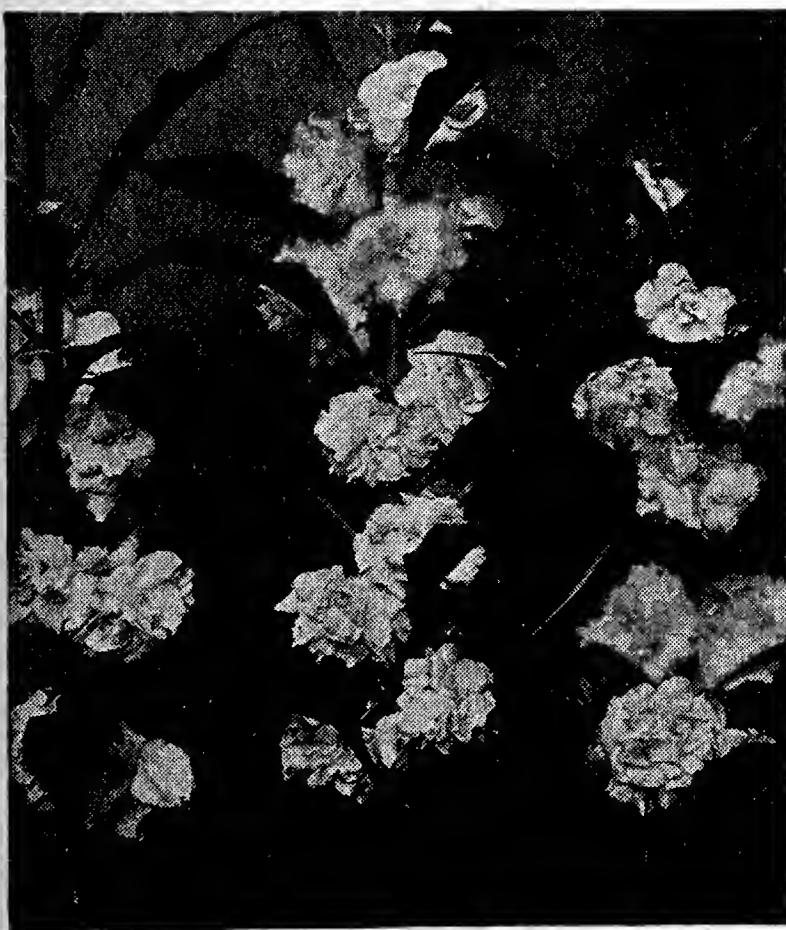
No. 870. Escholtzia or California Poppies. (Fine Mixed.)



No. 1303. Celosia. (Chinese Woolflower.)



No. 926½. Cosmos. (Extra Early Colossal.)



No. 860. Balsam. (Olds' Camellia Mixed.)



No. 1145. Salpiglossis. (Choice Mixed.)

PREMIUM OFFERS FREE WITH EARLY GARDEN SEED ORDERS

We offer absolutely free, postpaid, on request, the following four premiums with orders for Garden Seeds, Vegetable and Flower, except Collections, of the amounts indicated, the orders to reach us before March 15th. These offers are not to apply to orders for Field Seeds, Tools, Fertilizers, Poultry Supplies and other Side Lines.

TRANSPLANTING TROWEL.



Bright steel 6-inch blade, forged steel shank. Highly polished handle with nickel plated ferrule.

(Free with Garden Seed order amounting to \$1.00.)

ENOZ MOTH LIQUID SPRAYER.

A finely finished handsome sprayer for applying moth liquid and other insecticides in the house.

(Free with Garden Seed order amounting to \$5.00.)

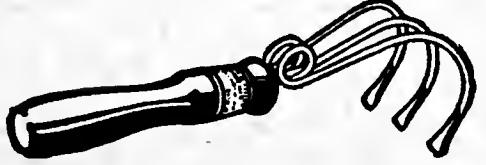
PLANET JR. STAR PULVERIZER, WEEDEER AND CULTIVATOR.



A wonderful tool for garden work. Cultivates thoroughly right after a rain and leaves the soil in fine condition. The star disks break up the soil, while the oscillating blade, which works forward or backward, pulverizes the soil, cuts off weeds directly beneath the surface and levels the soil at the same time. Width of cut, 7 1/2 inches.

(Free with Garden Seed order amounting to \$15.00.)

MAGIC WEEDEER HOE.



Nine inches long, black polished handle, three tines. A wonderfully useful tool for hand weeding.

(Free with Garden Seed order amounting to \$2.00.)

FREE WITH EARLY FIELD SEED ORDERS

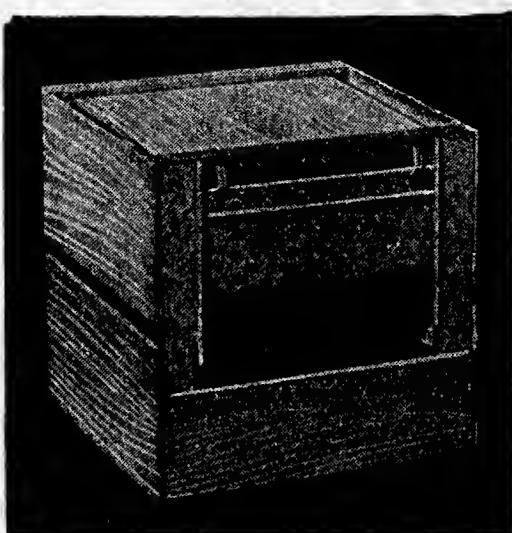
We will send the following four Premiums, on request, with all orders from the catalog, Field Seeds as well as Garden Seeds, of the amounts stated, the orders to reach us before March 15th.

ACME TIN SPRAYER.



A general purpose quart sprayer for the farm, dairy, poultry house and house. For fly sprays and disinfectants of all kinds. (Free with order amounting to \$5.00.)

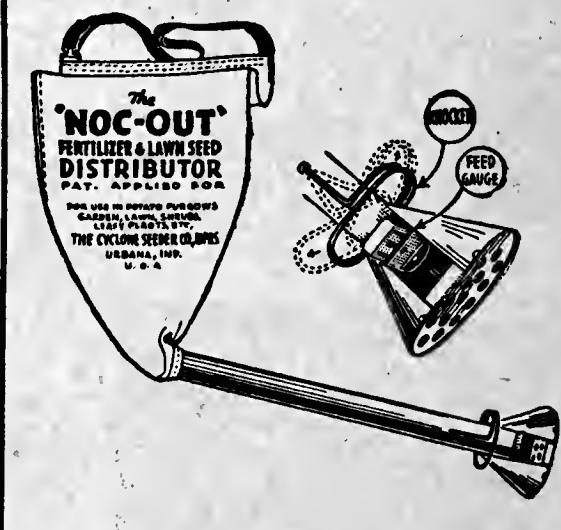
ECONOMY TRAP NEST.



Substantially made of wood and metal. Try out one of these trap nests.

(Free with order amounting to \$10.00.)

NOC-OUT FERTILIZER AND LAWN SEED DISTRIBUTOR.



Simple but practical. The oscillating "Knocker" insures a steady, uniform flow with either lawn grass or fertilizer.

(Free with order amounting to \$15.00.)

McCANDLISH CHICK FEEDER.



Made of galvanized iron, 20 inches long. Used also for drinking. The revolving top rod prevents perching.

(Free with order amounting to \$5.00.)

NOTE.—See preceding page for other premium offers. Only one premium given with an order.
BE SURE TO SELECT THE PREMIUM WANTED WHEN YOU SEND IN YOUR ORDER.

L. L. OLDS SEED COMPANY
MADISON, WISCONSIN

AMERICAN SEED TRADE ASSOCIATION
WISCONSIN SEED DEALERS ASSOCIATION

L. L. OLDS SEED COMPANY

CLOVERS
ALFALFA, GRASS SEEDS
SEED CORN, OATS, BARLEY, WHEAT
SEED POTATOES, SOY BEANS, MILLET, SUDAN
VEGETABLE SEEDS, FLOWER SEEDS,
POULTRY SUPPLIES, TOOLS,
FERTILIZERS

FIELD & GARDEN SEEDS
TELEPHONE BADGER 1321

MADISON, WIS.



L. L. OLDS, Pres't & Manager
W. D. CURTIS, Vice Pres't & Director
R. H. LANG, Sec'y & Ass't Mgr.
PETER P. CLARK, Director
L. T. CROWLEY, Director
R. M. JENKINS, Director
JOHN R. CALDWELL, Director

Jan. 1, 1933

Dear Friends:-

It is with a great deal of satisfaction that we are sending you this, our 46th Annual Catalog. I believe you will agree with us that it is the finest edition we have ever published. The descriptions have been carefully written and then all verified and revised to date. The illustrations have been re-studied for their accuracy and new ones added.

The book is divided into sections, following the arrangement used in most seed catalogs. Garden Seeds appear first, Vegetable, then Flower, the varieties arranged as near as possible in alphabetical order; these are followed by a few pages of Bulbs, Plants and Trees and then come Field Seeds, in which we specialize, with Tools, Fertilizers, Insecticides, Poultry Supplies, etc., last. Complete index on page 96.

In the Garden Seeds we have "starred" varieties specially recommended for general cultivation. The items bearing our trade mark under both Garden Seeds and Field Seeds are varieties that we have introduced and which are specialties of ours.

Field Seed Prices hold until February 15, 1933, only. After that date write for our "Weekly Price List." Prices on Garden Seeds and all other items with a few exceptions will stand for the season.

We appreciate your helpful cooperation in the past and hope that we may again be permitted to serve you.

Very truly yours,
L. L. OLDS SEED COMPANY
Per


President

OUR THREEFOLD GUARANTEE

1. Quality. We guarantee the quality of all the items offered in this catalog to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop.

2. Safe Arrival. We guarantee everything to arrive in good order. If there is any trouble, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us with the bill of lading.

3. Careful Attention. All orders and remittances are promptly acknowledged and letters of inquiry personally and courteously answered, as a rule, the same day they are received.

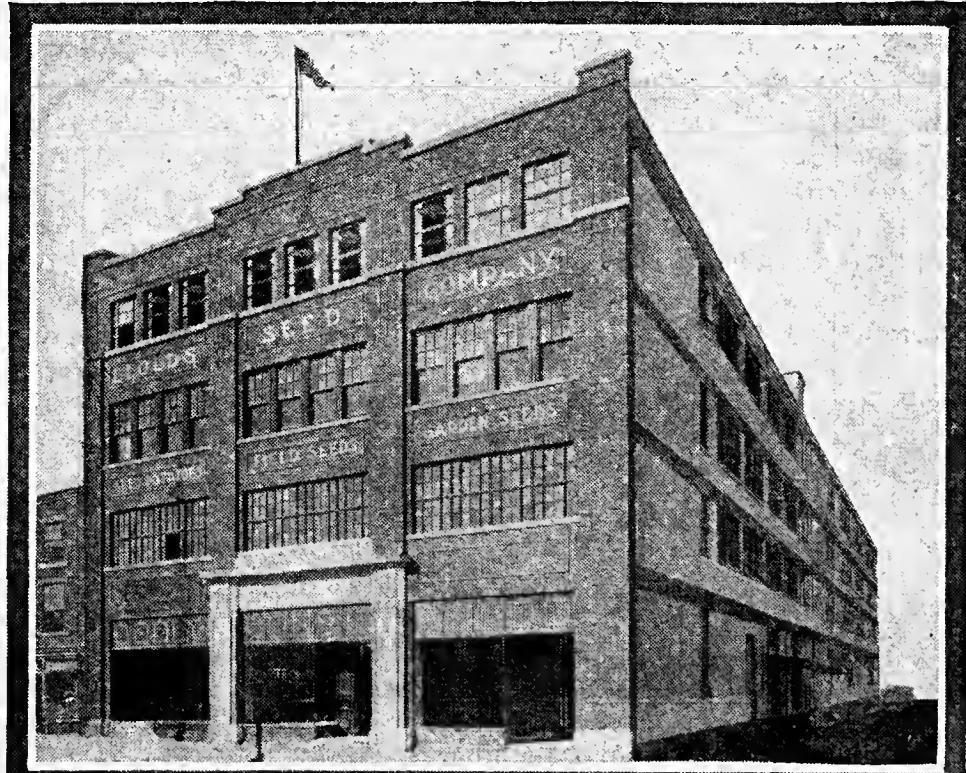
L. L. Olds,
President.

Below is our word in writing that you will be satisfied with every purchase you make. Read this GUARANTEE carefully. It's your assurance of OLDS' RELIABILITY.



You will notice that **Prices Are Lower** on most items advertised in this edition of our catalog. We want to help our customers make every dollar count for the most possible in the purchase of seeds this year when economy is so necessary. But rest assured that there is no lessening in our insistence that only the best is offered to you. Though the prices are lower, the quality is as high and even higher than ever. There are 45 years of honest dealings to back up our transactions with you. Remember, "**Olds' Seeds Are Known for Reliability.**"

At the right we show the "**OLDS' BUILDING**," our home here at Madison. We use not only this entire building, four floors and basement, but store many car-loads of seed in public storage in another building here in Madison.



L. L. OLDS SEED COMPANY
MADISON, WISCONSIN

TO OUR CUSTOMERS . . .

SUGGESTIONS FOR ORDERING

Make use of the Order Sheet appearing in the catalog. If you have occasion to write us later regarding the order be sure to give the post office address under which it was mailed or the number of the order.

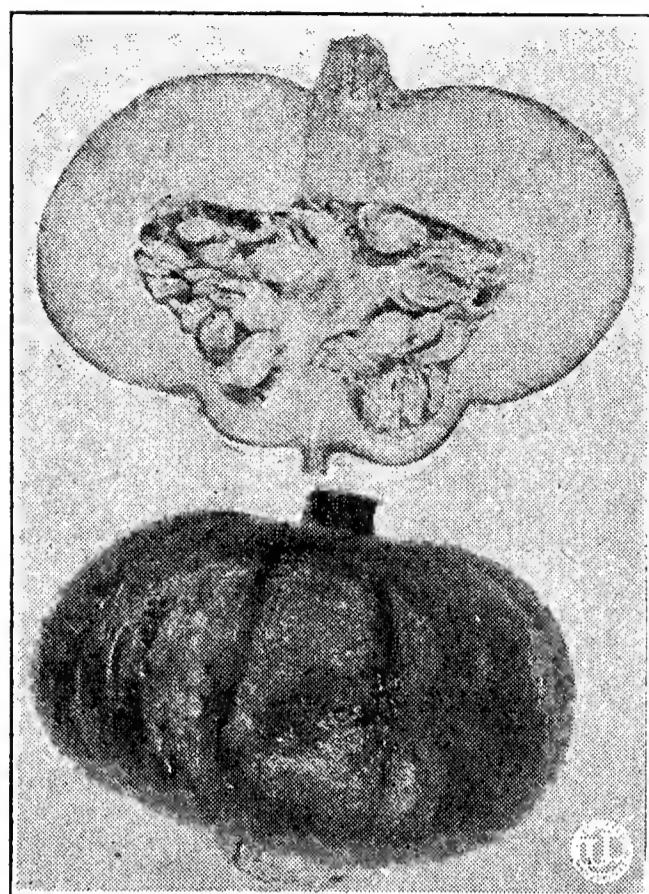
We Acknowledge Orders promptly when received. If any part of the order is mailed right out that answers as an acknowledgment or if goods can be sent at once by freight or express we ship right out, sending acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

Postpaid Prices. All Garden Seed Prices, except the Market Gardeners' Wholesale Prices shown on pages 5 and 6, are postpaid prices and include free transportation. Prices on Field Seeds, Potatoes and Side Lines do not include transportation unless quoted postpaid. See table of new Parcel Post Rates on page 65.

We Send Large Shipments by Freight, unless otherwise instructed. Present freight rates to many points will be found on page 71. We have three railroads here at Madison, C. & N. W., C. M. St. P. and P. and I. C.

C. O. D. Shipments. No plants will be sent C. O. D. Other things may be sent that way if desired, providing one-fourth of the amount accompanies the order.

NEW VEGETABLES FOR 1933



Olds' Buttercup Squash.

NEW TOMATO

428. **PRITCHARD.** The new tomato originated by the late Dr. Pritchard which he named Scarlet Topper. Since his death it has been renamed Pritchard. Dr. Pritchard also originated the Marglobe and Break O'Day Tomatoes. The new Pritchard is without doubt the best of the disease resistant varieties. It resists the Nail Head disease and also the Tomato Wilt. In appearance it is similar to Marglobe. Scarlet in color, of good size and shape, the fruits borne in clusters of 5, and produced in abundance. It is a mid-season variety requiring about 110 days to ripen. About 5 days earlier than Marglobe. The vine is short jointed and of low growth with heavy foliage. Pkt., 12c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00, postpaid.

NEW CUCUMBER

171. **WHITE WONDER.** A beautiful snow white Cucumber that retains the white color when fully ripe. Smooth, 8 to 10 inches long, and very uniform. The flavor is very pleasing and the flesh firm and crisp. White Wonder is a heavy bearer and is fine for slicing and pickles. Will attract attention wherever shown. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; postpaid.



Olds' White Wonder Cucumber.

NEW SQUASH

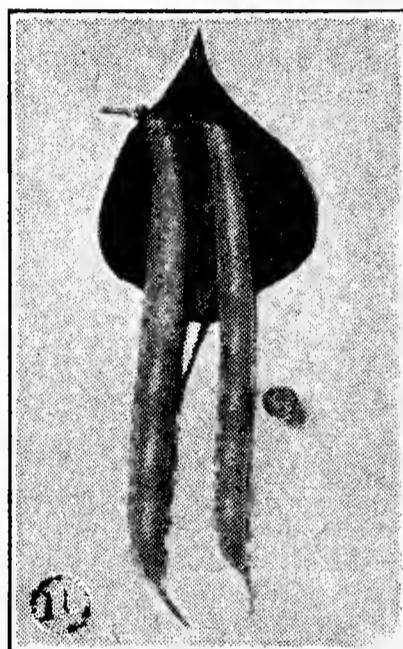


406. **BUTTERCUP.** Buttercup is a new Winter Squash developed by Prof. A. F. Yeager, horticulturist at North Dakota Agricultural College. It is entirely distinct in type, a turban shape, with thin skin and thick orange flesh at the stem end. The seed cavity is at the bottom covered with a very thin layer of flesh. Weighs from 3 to 4 pounds, just the right size for the average family. Has less waste than any other squash. Quality the very best, better even than Hubbard. Seed is short. Order early. A fine way to cook this new squash is to remove the seeds, pack with pork sausage and bake. Pkt., 12c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.00, postpaid.

NEW BEET



42. **PERFECTED DETROIT.** A new strain of Detroit Dark Red Beet. The result of several generations of inbreeding. See front cover. It is unquestionably the darkest red and most uniform type stock of Detroit Beet ever offered. Slightly earlier than the regular variety. Will run 99 per cent extremely dark red without visible zone markings. Perfected Detroit is the finest beet for the market gardener. Our seed is limited this season. Order early. Pkt., 10c; oz., 17c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

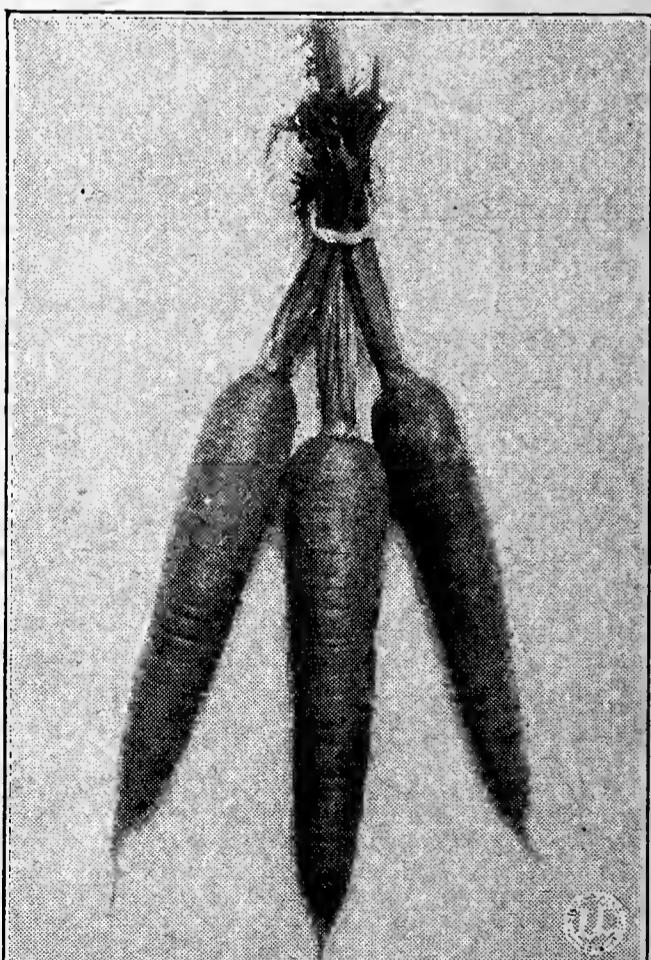


Olds' Tendergreen Bean.

NEW BEAN



17. **TENDERGREEN.** A new dwarf, green podded variety of very fine quality. The fleshy pods are absolutely stringless measuring about 6 inches in length. Slightly later than Stringless Green Pod. Tendergreen is very productive and in our trials last year proved the best variety for late planting. It produced a heavy crop when the wax podded and other green varieties failed. Be sure to try Tendergreen for your late planting this year. See front cover. 2 oz. pkt., 10c; $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 70c, postpaid.



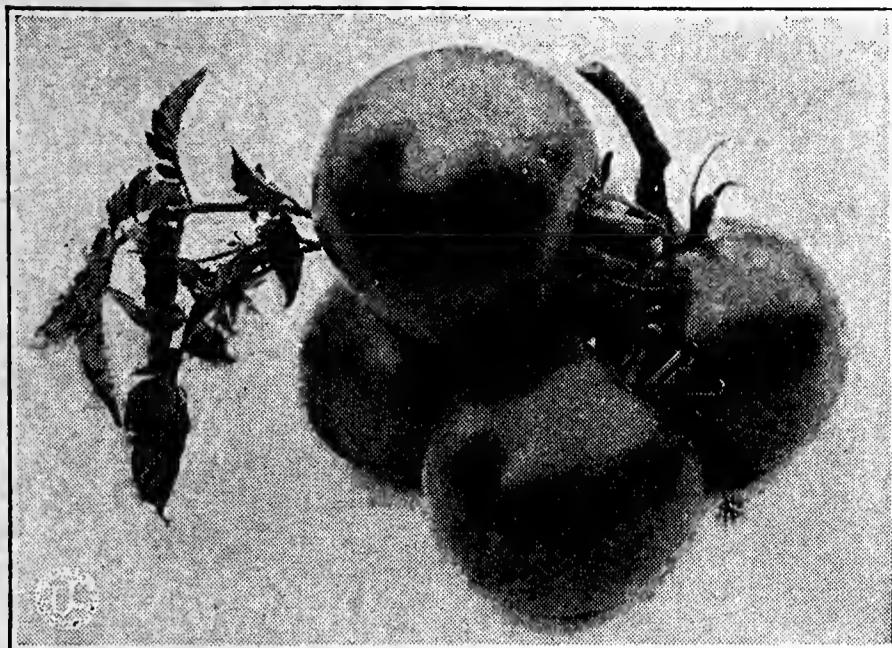
NEW CARROT



108. **IMPERATOR.** A new type of Danvers Carrot. Very handsome in appearance. Longer than Danvers, measuring 7 to 8 inches in length. The shoulders are rounded and the tops just the right size for bunching. The color makes a strong appeal, the deep orange of the skin extending throughout the interior flesh and core. See illustration on our front cover. Carrot Seed is a very short crop this year and the price is high for the common varieties. We want all our customers to try this new Carrot. We are making our prices low especially for a novelty and one so exceptionally fine as this. Order early. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.30; .5 lbs., \$5.50, postpaid.

Olds' Imperator Carrot.

RECENT VEGETABLE INTRODUCTIONS



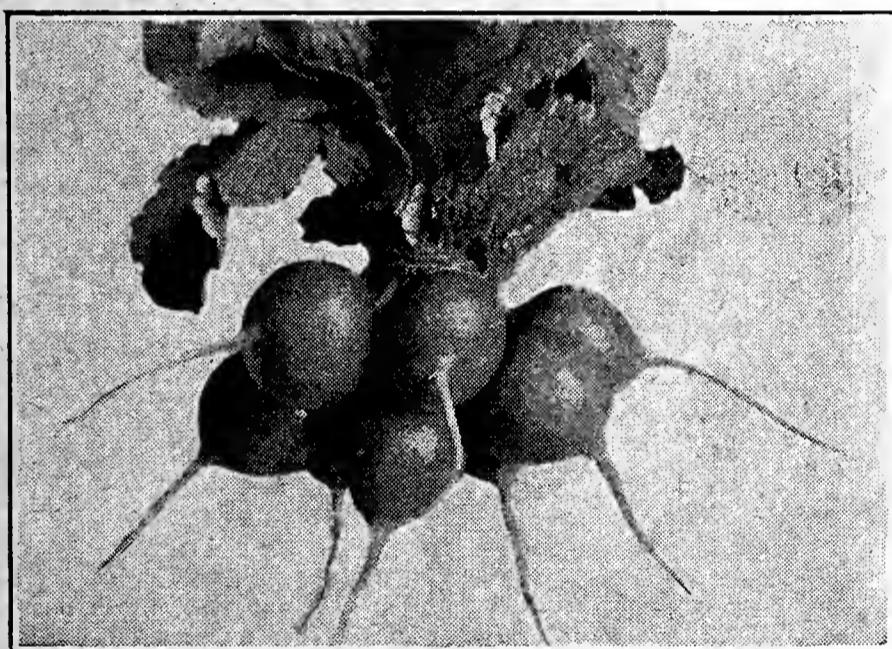
Olds' Break O'Day Tomato.

TOMATO

431. **OLDS' BREAK O'DAY.** A new extra early, wilt resistant tomato developed by the U. S. Dept. of Agriculture. Break O'Day matures with Earliana. The fruit resembles the famous Marglobe; it is the same color, shape and size and is the only early tomato of a deep globe shape and bright red color. The fruits are solid with very few seeds and they will not crack. A bountiful yielder. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.40, postpaid.



Olds' Mustard Spinach.
(40 days from seed.)



Olds' Icy Crisp Radish.

RADISH

387. **OLDS' ICY CRISP.** A bright scarlet, round radish, very crisp and tender. The tops are very small making it an ideal variety for forcing. This radish can be grown from seed in from 16 to 20 days. Olds' Icy Crisp is in fact all that one could ask for in a radish. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.



POP CORN

153. **OLDS' SOUTH AMERICAN MUSHROOM.** Also called T-N-T. This is a new variety of pop corn which is becoming very popular. The kernels are large, of a deep orange color, nearly round in shape and smooth. When popped the kernels are mushroom shaped and the color gives the popped kernels the appearance of being buttered. It has a very delicious flavor. It is an immense yielder with stalks growing to a height of 6 to 8 feet, producing 2 to 3 large ears, 9 inches long or over. Large pkt., 7c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.



SWEET CORN

144. **OLDS' GOLDEN GEM.** We introduced this new extra early yellow sweet corn two years ago. It is without doubt the finest early yellow corn so far introduced. See front cover. It is just as early as any of the white varieties and will sell much more readily than the white. The ears of Golden Gem are rather small, averaging from 6 to 7 inches in length, 8 rows to the ear. Golden Gem is 10 days ahead of Golden Bantam and the quality fully equal to that famous old variety. 2 oz. pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 40c; 5 lbs., \$1.35, postpaid.



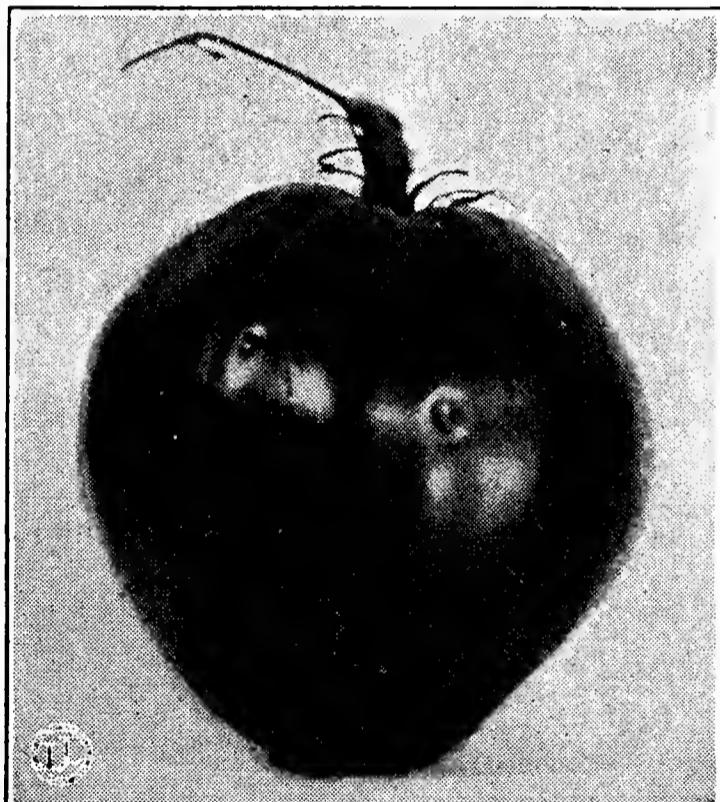
259. OLDS' TENDER- GREEN OR MUS- TARD SPINACH.

This is an Oriental type of mustard which is now grown for greens. It is a very desirable, quick growing, tender variety with long, broad, smooth leaves and white midribs. The leaves are usually ready for cutting in 3 to 4 weeks after planting. Dry weather will not injure the crop. The flavor of this new vegetable resembles Spinach with a very mild mustard taste. The best summer green. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 75c; 5 lbs., \$2.75, postpaid.



PEAS.

332. **OLDS' ONWARD.** A new English variety of special merit. See front cover. It is a mid-season variety coming in just ahead of Telephone. The vines grow three feet in height with vigorous, strong, medium green foliage. Pods are four inches long, broad, straight and blunt at the ends, deep green in color, containing 6 to 8 dark green very sweet peas. A very heavy cropper. 2 oz. pkt., 10c; $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.35, postpaid.



Olds' Oxheart Tomato.

TOMATO

441. **OLDS' OXHEART.** Probably the largest and meatiest tomato in existence. It has a distinct oxheart shape with a fruit of a slightly purple color. Grown under favorable conditions will weigh nearly two pounds. Where a tomato of enormous size is wanted this is the variety to plant. We do not consider the quality equal to some of the smaller varieties although it is fine considering the immense size. It is the tomato to grow for exhibition purposes. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.75, postpaid.

OLDS' WISCONSIN YELLOWS RESISTANT CABBAGE.

If you cannot grow cabbage on your soil try our Wisconsin Yellows Resistant varieties. See page 12.

NEW FLOWERS FOR YOUR GARDEN

We offer with a great deal of pride these outstanding new flowers. No 1933 garden will be complete without some of these new varieties. Be sure to try them. We know you will be delighted with their beauty.

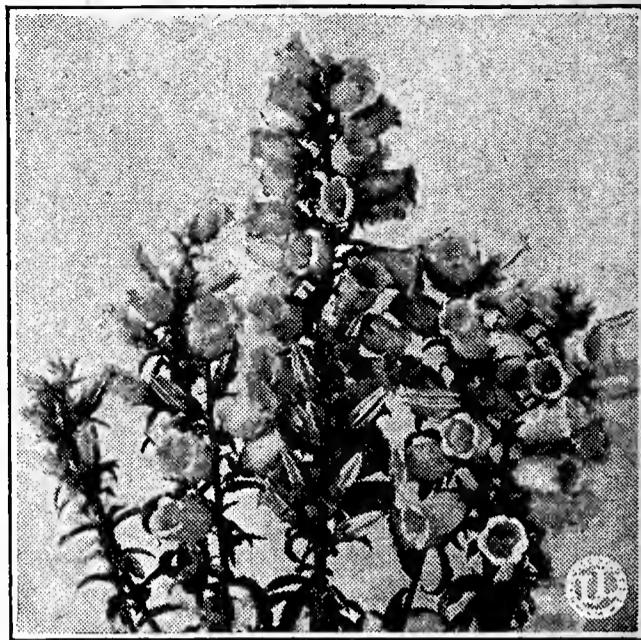
OLDS' NEW ANNUAL CANTERBURY BELLS



894. Here is a new variety that is certainly welcome. Many people have difficulty in wintering over Canterbury Bells, especially the old type biennial varieties. Each year we have many requests for an annual Canterbury Bell but until this year it was not to be had.

We are pleased now to offer this new Canterbury Bell which will bloom from seed in one season. The plants grow from 2 to 2½ feet tall and each plant has from 6 to 8 spikes of bloom.

Our mixture this year contains the following colors: dark blue, light blue, pink, rose and white. Order early as the stock of seed is limited. Pkt., 20c; 2 pkts., 35c.



Olds' New Annual Canterbury Bells.

Olds' New Marigold, Guinea Gold.

OLDS' NEW MARIGOLD, GUINEA GOLD

1034. ★Last year we pronounced the double Golden Gleam Nasturtium the outstanding novelty of the year, and so it was. Now this year we call the Guinea Gold Marigold the greatest outstanding novelty. Guinea Gold, whether grown for cut flowers or in the border, is one of the most beautiful and attractive annuals to be had.

The large double flowers are really startling. The color is a rich Guinea Gold which can almost be described as a brilliant orange, a color which will harmonize well with other colors. The flowers will last for weeks as cut flowers and the plants are a mass of bloom until frost. While the flower is double it is not a solid double but the petals are beautifully waved and fringed. Also the characteristic Marigold odor is much less noticeable in this variety. It grows 2 to 3 feet tall. If forced to have only one flower in our garden this is the one we would choose. Pkt., 15c; 2 pkts., 25c.

OLDS' DOUBLE SWEET-SCENTED NASTURTIUM, GOLDEN GLEAM

1055. Last year we offered this Nasturtium for the first time and the sales far surpassed our expectations. This new Nasturtium, Golden Gleam, is semi-dwarf, forming a large, vigorous bush which throws out runners averaging about 24 inches in length. The flowers begin coming as soon as the plant nears complete development and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. Flowers measure 2½ to 3 inches across, borne on stiff, erect stems, 6 to 8 inches in length, the flowers standing well above the foliage. Very fragrant.

Send your order early this year to be sure of securing seed. Pkt., 15c; 2 pkts., 25c.

OLDS' NEW ANNUAL LUPINUS, HARTWEGII GIANT MIXED

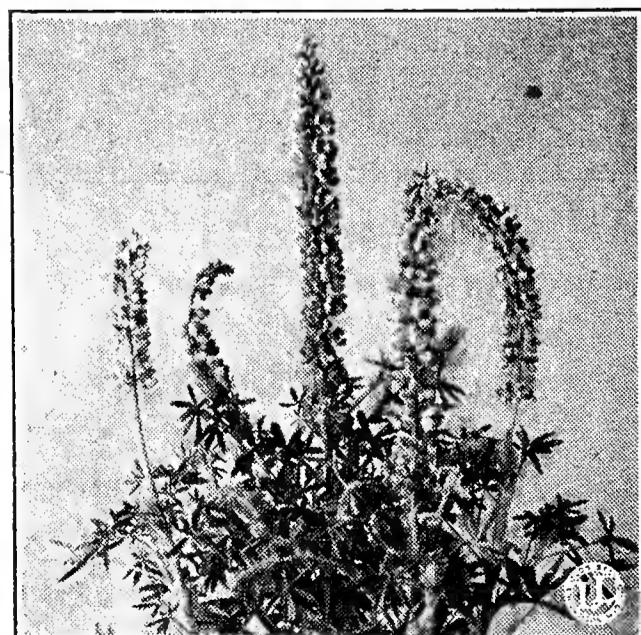
1028. Lupinus Hartwegii Giant is very easy to grow from seed and is a great improvement over the old annual variety. It is an annual of very striking habit, growing from 3 to 4 feet tall. It is of the base branching type with 4 to 6 long spikes to the plant.

The flowering spikes contain 25 to 50 more blooms than the old type of annual Lupine and the blooms are larger. Pkt., 15c; 2 pkts., 25c.

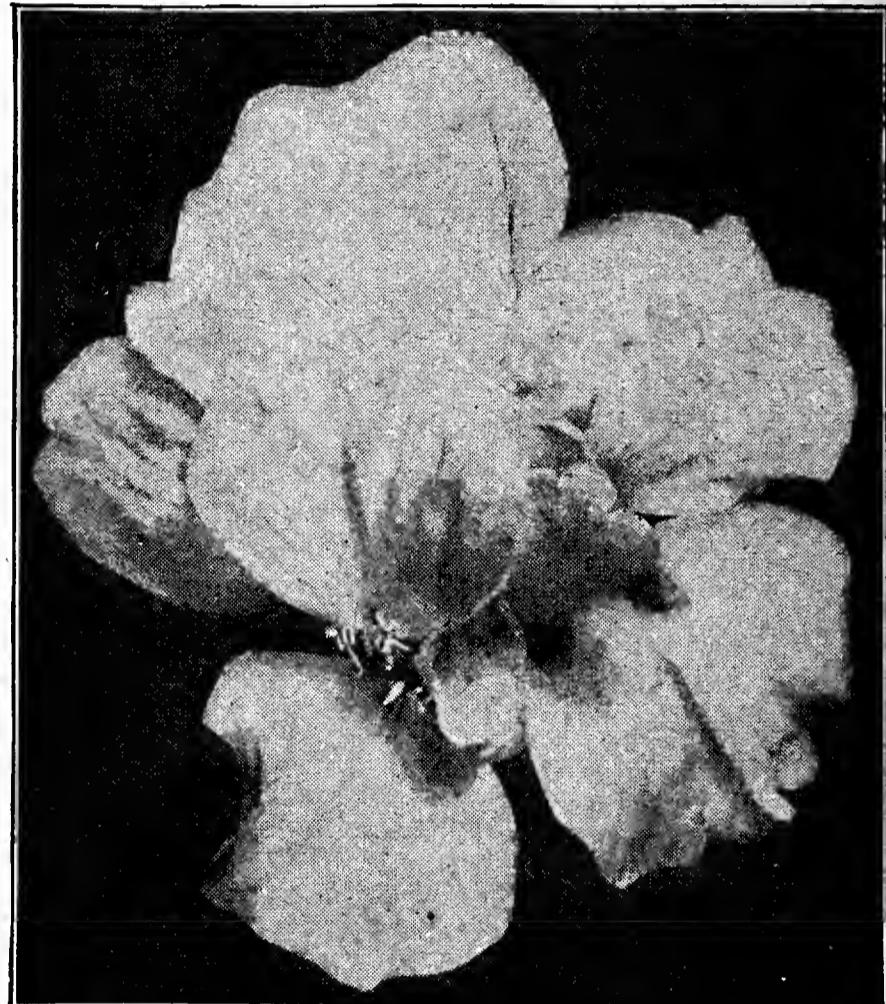
VERBENA, OLDS' NEW BEAUTY OF OXFORD HYBRID

1307. A beautiful giant hybrid Verbena. The color shades from clear rose pink to rose red, making this the brightest rose Verbena ever produced from seed. The flowers are exceptionally large, measuring over an inch in diameter. The foliage is a beautiful cress green. Until the introduction of this variety it was practically impossible to produce this color from seed.

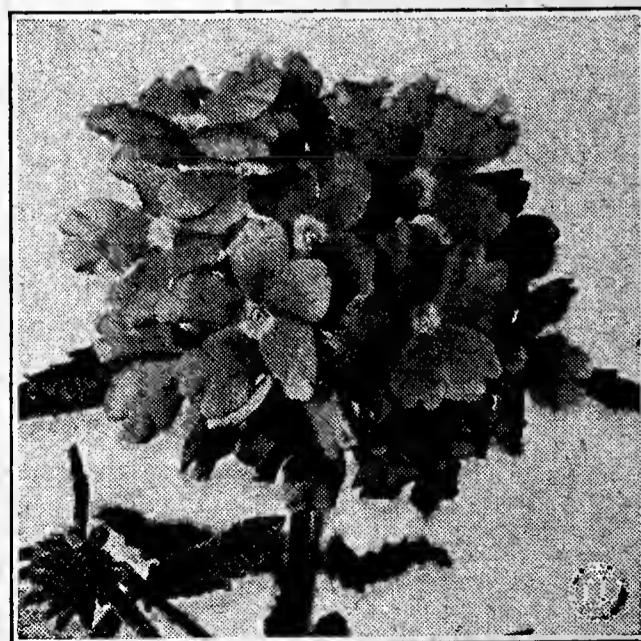
This Verbena is of the grandiflora type. It is a new strain of robust, compact habit and is free flowering. The trusses and florets are immense. Pkt., 25c; 2 pkts., 40c.



Olds' New Lupinus, Hartwegii Giant.



Olds' New Double Nasturtium, Golden Gleam.



Olds' New Verbena, Beauty of Oxford Hybrids.

Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express, the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted, write us for prices.

BEANS.

No.		5 lbs. at 10 lb. rate and 50 lbs. at 100 lb. rate.	10 lbs.	25 lbs.	100 lbs.
13	Bountiful		\$1.60	\$3.75	\$14.00
14	Navy Beans			(Write for prices)	
15	Burpee's Stringless Green Pod	1.60	3.75	14.00	
16	Giant Stringless	1.40	3.25	12.00	
17	Tendergreen	1.70	4.00	15.00	
19	Refugee Stringless	1.60	3.75	14.00	
20	Improved Golden Wax	1.60	3.75	14.00	
20 1/2	Early Stringless Wax	1.70	4.00	15.00	
22	Davis White Wax	1.40	3.25	12.00	
24	Pencil Pod Black Wax	1.40	3.25	12.00	
30	Dreer's Pole Lima	1.80	4.25	16.00	
31	Henderson's Bush Lima	1.60	3.75	14.00	
33	Ford's Mammoth Pole Lima	1.80	4.25	16.00	
34	Burpee's Bush Lima	2.10	5.00	19.00	
34 1/2	Fordhook Bush Lima	2.40	5.75	22.00	
38	Kentucky Wonder	1.40	3.25	12.00	
38 1/2	Kentucky Wonder Wax	1.70	4.00	15.00	
39	Scarlet Runner	1.80	4.25	16.00	

SWEET CORN.

No.		10 lbs.	25 lbs.	100 lbs.
135	Early July	\$1.60	\$3.75	\$14.00
136	Mammoth White Cory	1.40	3.25	12.00
138	Howling Mob	1.40	3.25	12.00
139	Early Champion	1.40	3.25	12.00
139 1/2	Country Gentleman	1.40	3.25	12.00
140	Black Mexican	1.60	3.75	14.00
142	Golden Bantam	1.30	3.00	11.00
142 1/2	Bantam or Golden Evergreen	1.40	3.25	12.00
144	Golden Gem	2.00	4.75	18.00
145	Early Evergreen	1.40	3.25	12.00
147	Stowell's Evergreen	1.20	2.75	10.00
148	Golden Sunshine	1.60	3.75	14.00

POPCORN.

No.		10 lbs.	25 lbs.	100 lbs.
150	White Rice	\$1.20	\$2.75	\$10.00
151	Queen's Golden	1.20	2.75	10.00
153	Australian Mushroom	1.40	3.25	12.00
154	Tom Thumb	1.40	3.25	12.00

PEAS.

No.		10 lbs.	25 lbs.	100 lbs.
320	Surprise	\$1.80	\$4.25	\$16.00
320 1/2	Olds' Best Extra Early	1.80	4.25	16.00
322	Tall Telephone	1.80	4.25	16.00
323	Alaska	1.60	3.75	14.00
324	Gradus	1.80	4.25	16.00
324 1/2	Laxtonian	1.90	4.50	17.00
325	Nott's Excelsior	1.80	4.25	16.00
326	Improved Stratagem	2.00	4.75	18.00
327	Champion of England	1.80	4.25	16.00
329	Little Gem	1.80	4.25	16.00
330	American Wonder	1.80	4.25	16.00
332	Onward	2.00	4.75	18.00
333	English Wonder	1.90	4.50	17.00
334	Thomas Laxton	1.80	4.25	16.00
335	Dwarf Telephone	2.00	4.75	18.00
336	Laxton's Progress	2.00	4.75	18.00
339	Little Marvel	1.80	4.25	16.00
341	Mammoth Luscious Sugar	2.00	4.75	18.00

ASPARAGUS.

No.		1/2 lb.	Lb.	5 lbs.
3	Martha Washington	\$0.60	\$1.10	\$4.25
6	Mary Washington	.65	1.15	4.50

BEET.

No.		1/2 lb.	Lb.	5 lbs.
40	Early Egyptian	\$0.40	\$0.75	\$2.50
41	Improved Early Blood Turnip	.35	.65	2.25
43	Early Wonder	.47	.85	3.00
44	Early Eclipse	.35	.65	2.25
45	Early Model	.47	.85	3.00
48	Detroit Dark Red	.45	.80	2.75
49	Half Long Blood	.35	.65	2.25
51	Crosby's Egyptian	.45	.80	3.00
52	Crimson Globe	.35	.65	2.25
52 1/2	Lucullus Swiss Chard	.40	.75	2.50
53	Green Lyons Swiss Chard	.40	.75	2.50

MANGELS.

No.		1/2 lb.	Lb.	5 lbs.
55	Mammoth Long Red	\$0.22	\$0.40	\$1.35
56	Golden Tankard	.25	.45	1.55
59	Danish Sludstrup	.25	.45	1.55
61	Klein Wanzleben (Sugar Beet)	.25	.45	1.55
63	Giant Half-Sugar	.25	.45	1.55

CABBAGE.

No.		1/2 lb.	Lb.	5 lbs.
65	Brussels Sprouts, Danish	\$1.20	\$2.35	\$10.50
70	Early Jersey Wakefield	1.10	2.10	9.00
72	Charleston Wakefield	1.10	2.10	9.00

No.		1/2 lb.	Lb.	5 lbs.
73	Golden Acre	\$1.85	\$3.65	\$16.25
74	Wisconsin Jersey Queen	1.75	3.40	14.00
75	All Head Early	1.00	1.90	8.00
76	Wisconsin All Seasons	1.50	2.90	12.00
77	Wisconsin Globe	2.50	4.90	22.50
80	All Seasons	1.00	1.90	8.00
80 1/2	Wisconsin Hollander No. 8	1.50	2.90	12.00
82	Premium Late Flat Dutch	1.00	1.90	8.00
83	Drumhead Savoy	1.25	2.40	10.50
83 1/2	Chinese (Chihli)	1.35	2.65	11.75
84	Copenhagen Market	1.50	2.90	13.00
85	Danish Ballhead	1.35	2.65	11.75
86	Evergreen Hollander	1.50	2.90	12.50
87	Wisconsin Marion Market	2.20	4.15	19.00
88	Glory of Enkhuizen	1.00	1.90	8.00
89	Mammoth Rock Red	1.35	2.65	11.75

CAULIFLOWER.

No.		1/4 lb.	Lb.
91	Super Snowball	\$11.00	\$35.00
90	Early Snowball	6.50	25.00
93	Dry Weather	6.50	24.00
94	Autumn Giant	1.65	5.00
97	BROCCOLI, Italian Green Sprouting	1.50	4.90

CARROTS.

No.		1/2 lb.	Lb.
100	Danvers Half Long	\$0.60	\$1.15
102	Long Orange	.50	.90
103	Oxheart	.42	.80
105	French Forcing	.62	1.15
106	Special Stock Chantenay	.60	1.15

Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express, the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted, write us for prices.

MUSKMELON.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
235	Lake Champlain	\$0.60	\$1.10	\$4.25
236	Extra Early Hackensack	.45	.80	3.00
237	Early Knight (Sweet Air)	.60	1.15	4.50
238	Emerald Gem	.50	.85	3.25
239	Osage	.60	1.15	4.50
240	Extra Early Osage	.70	1.25	5.25
241	Special Stock Milwaukee Market	.85	1.60	6.75
241 1/2	Milwaukee Market	.60	1.15	4.50
242	Burrell's Gem	.45	.80	3.50
243	Bender's Surprise	.60	1.15	4.50
244	Rocky Ford	.40	.70	2.90
246	Pollock No. 10-25	.35	.65	2.75
247	Hoodoo	.60	1.10	4.25
247 1/2	Gold Lined Rocky Ford	.50	.90	3.50
248	Banana	.70	1.25	5.00
251	Honey or Sugar Rock	.70	1.30	5.25
253	Honey Dew	.70	1.25	5.00
254	Tip Top	.60	1.10	4.25

WATERMELON.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
260	Stone Mountain	\$0.60	\$1.15	\$4.50
261	Sweetheart	.35	.65	2.50
262	Cole's Early	.35	.65	2.50
263	Fordhook Early	.35	.65	2.50
264	Earliest and Sweetest	.50	.90	3.50
267	Ice Cream or Peerless	.35	.65	2.50
268	Irish Grey	.40	.75	3.00
270	Kleckley's Sweet	.40	.75	3.00
270 1/2	Klondike (Black Seeded)	.65	1.20	4.75
271	Tom Watson	.40	.75	3.00
272	Golden Honey	.60	1.10	4.25
273	Halbert Honey	.45	.85	3.25
275	Citron (Green Seeded)	.40	.70	2.75
276	Winter Melon	.70	1.35	5.50

ONION.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
283	Crystal Wax Bermuda	\$1.50	\$2.90	\$13.00
285	Yellow Globe Danvers	.80	1.55	6.50
287	Large Red Wethersfield	.70	1.35	5.50
288	Ailsa Craig	1.10	2.10	9.25
290	Southport Yellow Globe	.80	1.55	6.50
291	Southport Red Globe	.70	1.35	5.50
292	Southport White Globe	1.10	2.10	9.25
293	White Portugal or Silver Skin	.95	1.85	8.00
297	Prizetaker	.90	1.75	7.50
297 1/2	Gigantic Gibraltar	.90	1.75	7.50
298	Sweet Spanish	1.35	2.60	11.75
299	Australian Brown	.65	1.25	5.00
300	Ohio Yellow Globe	.80	1.55	6.50
302	White Barletta	1.10	2.15	9.50
303	Winter Queen	1.20	2.35	10.50

ONION SETS.

(Write for prices after March 1st.)				
No.		$\frac{1}{2}$ bu.	Bu.	5 bus.
Yellow Bottom		\$1.35	\$2.50	\$11.25
Red Bottom		1.35	2.50	11.25
White Bottom		1.60	3.00	13.75

PARSLEY.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
305	Champion Moss Curled	\$0.45	\$0.80	\$2.75
309	Hamburg or Root	.55	1.05	4.00

PARSNIP.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
310	Improved Guernsey	\$0.35	\$0.65	\$2.00
311	Long Smooth Hollow Crown	.35	.65	2.00

PEPPER.

No.		$\frac{1}{4}$ lb.	Lb.	5 lbs.
349	Hungarian Yellow Wax	\$2.20	\$6.50	
350	Ruby King	1.00	3.00	
351	Bull Nose	.90	2.75	
352	Golden Queen	1.60	5.00	
353	Harris' Early Giant	1.80	5.25	
354	Chinese Giant	1.80	5.25	
355	Red Chili	1.05	3.25	
356	Pimiento	1.00	3.00	
357	California Wonder	2.00	6.00	
358	World Beater	1.25	4.00	

PUMPKIN.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
360	King of the Mammoths	\$0.65	\$1.20	\$4.75
362	Connecticut Field	.30	.50	1.90
363	Small Sugar	.40	.75	3.00
364	Winter Luxury	.50	.90	3.75

RADISH.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
370	Sparkler	\$0.35	\$0.65	\$2.50
371	Early Scarlet Turnip	.40	.75	3.00
373	Improved French Breakfast	.35	.70	2.75
374	Twenty Day	.45	.85	3.25
375	Saxa	.40	.75	3.00
376	Crimson Giant	.40	.70	2.75
377	Scarlet Globe	.40	.70	2.75
378	Snowball	.35	.60	2.25
384	Cincinnati Market	.40	.70	2.75
385	White Icicle	.35	.65	2.50
387	Olds' Icy Crisp	.42	.80	3.25
390	White Chinese Winter	.40	.70	2.75
391	Chinese Rose Winter	.40	.70	2.75
392	Long Black Spanish	.40	.70	2.75
393	Round Black Spanish	.40	.70	2.75

RHUBARB.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
395	Victoria	\$0.60	\$1.15	\$4.50

SALSIFY.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
397	Mammoth Sandwich Island	\$0.90	\$1.85	\$8.00

SPINACH.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
259	Mustard Spinach	\$0.35	\$0.65	\$2.10
400	Princess Juliana	.20	.35	1.25
401	King of Denmark	.20	.35	1.25
402	Bloomsdale (Long Standing)	.20	.35	1.25
403	New Zealand	.40	.75	2.80
404	Long Standing Gaudry	.20	.35	1.25

SQUASH.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
-----	--	-------------------	-----	--------

OLDS' STANDARD VEGETABLES

ASPARAGUS

3. **MARTHA WASHINGTON RUST PROOF.** This variety very closely resembles the Mary Washington Rust Proof. It has the same characteristics but the stalks are somewhat flattened in shape instead of round. Just on that account it is more in demand in some markets. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

6. **★MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties, and apparently immune from rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.30, postpaid.

ASPARAGUS ROOTS

Our Asparagus Roots are grown on our own farm where we have a rich, loose soil, which is particularly adapted to the growing of these roots. The life of an asparagus bed is usually about twenty years so in selecting roots it is well to get the best. Our roots are that kind. It takes three years to grow an asparagus bed from seed, two years from one-year-old roots, and one year from two-year-old roots.

MARY WASHINGTON GIANT RUST PROOF. Undoubtedly the best all around variety for home and market. We would not advise any other. Plants: 1 year old, 25 for 50c; 50 for 80c; 100 for \$1.50, postpaid.—Not prepaid: 100 for \$1.25; 1,000 for \$8.00. 2 yr. old, 25 for 75c; 50 for \$1.25; 100 for \$2.00, postpaid.—Not prepaid: 100 for \$1.75; 1,000 for \$13.00. (500 at 1,000 rate.)



Mary Washington Giant
Rust Proof.

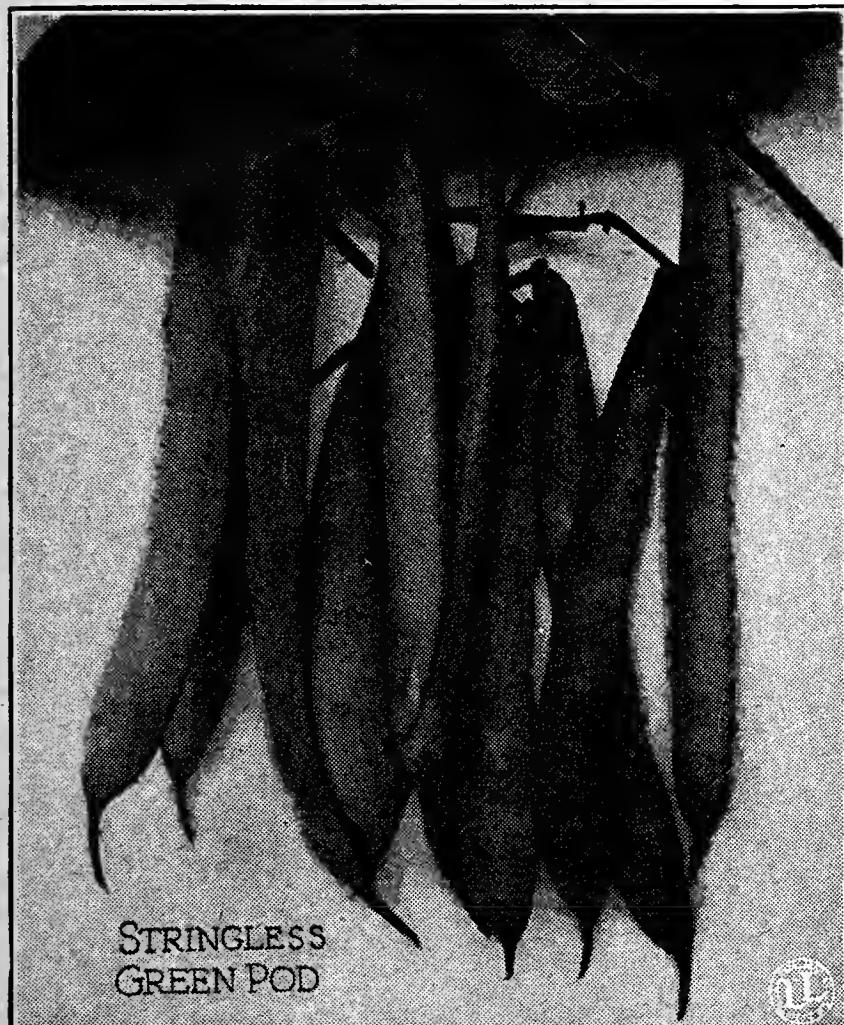
OLDS' GARDEN BEANS

Our beans are Northwestern grown, thoroughly rogued and carefully hand-picked. Beans grown in the Northwest on high altitudes are free from anthracnose and other diseases so apt to be found with beans grown on lower altitudes. Our packets each contain sufficient seed to plant from 10 to 15 feet of drill. One pound will plant 50 to 75 feet of drill; 75 pounds one acre.

CULTURE: Sow the bush varieties as soon as the ground is warm and the season favorable. Plant in rows 2 feet apart, the beans 2 inches apart in the row and 1½ inches deep. For pole beans use poles 8 to 10 feet long and set them about 4 feet apart. Plant 4 to 6 beans about one inch deep around each pole and later thin to 3 plants to a pole.

Beans thrive best in a sandy loam but grow very well in any soil. Use fertilizer for best results. See page 92. Keep well hoed, drawing the earth up to the stems. Do not work when the plants are wet as this will cause rust and injury to the crop. Plant every two weeks for succession. For larger amounts than quoted, see our Market Gardeners' Price List, pages 5 and 6.

GREEN POD BUSH BEANS



STRINGLESS
GREEN POD

15. **★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. A bush or dwarf variety. It is early, hardy and productive, bearing handsome dark green pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. We recommend this variety above all others if an early green pod is wanted. Large 2 oz. pkt., 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 62c; 5 lbs., \$1.30, postpaid.

13. **★BOUNTIFUL.** A stringless Dwarf Bean, extra early, tender, large-podded, and a bountiful yielder. The flat green pods are entirely stringless, 6½ to 7 inches long, very tender and have a delicious flavor. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. It is also excellent shelled for winter use. Pkt., 9c; $\frac{1}{2}$ lb., 21c; lb., 38c; 2 lbs., 65c; 5 lbs., \$1.35, postpaid.

16. **GIANT STRINGLESS GREEN POD.** Somewhat similar to Stringless Green Pod, although the pods are longer, straighter and more slender. The pods are also more depressed between the beans and slightly lighter in color. Fairly early, hardy and of the highest quality. One of the most desirable varieties for canning. Pkt., 5c; $\frac{1}{2}$ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.20, postpaid.

19. **REFUGEE STRINGLESS.** We have discarded Refugee Thousand-To-One for the new Refugee Stringless. This resembles the old Thousand-To-One and it is entirely stringless although perhaps not quite as productive. This variety is the one most popular with canners. The pods measure 5 to 5½ inches in length, somewhat slender, round and slightly curved. The color is light green. Very fine grained and of good quality. Pkt., 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 62c; 5 lbs., \$1.30, postpaid.

17. **TENDERGREEN.** Our new green pod bean. See page 2. Wonderful quality and the best for second planting. 2 oz. pkt., 10c; $\frac{1}{2}$ lb., 22c; 1 lb., 40c; 2 lbs., 70c, postpaid.

38. **KENTUCKY WONDER.** A green pod pole bean. See page 8.

"I have been buying seed from you since I was 14 and believe that Olds' Seeds can't be beat."

Mrs. Jess A. Thompson, Utah

"We have bought your seeds several times and am very pleased with them. We think they are the best seeds on the market."

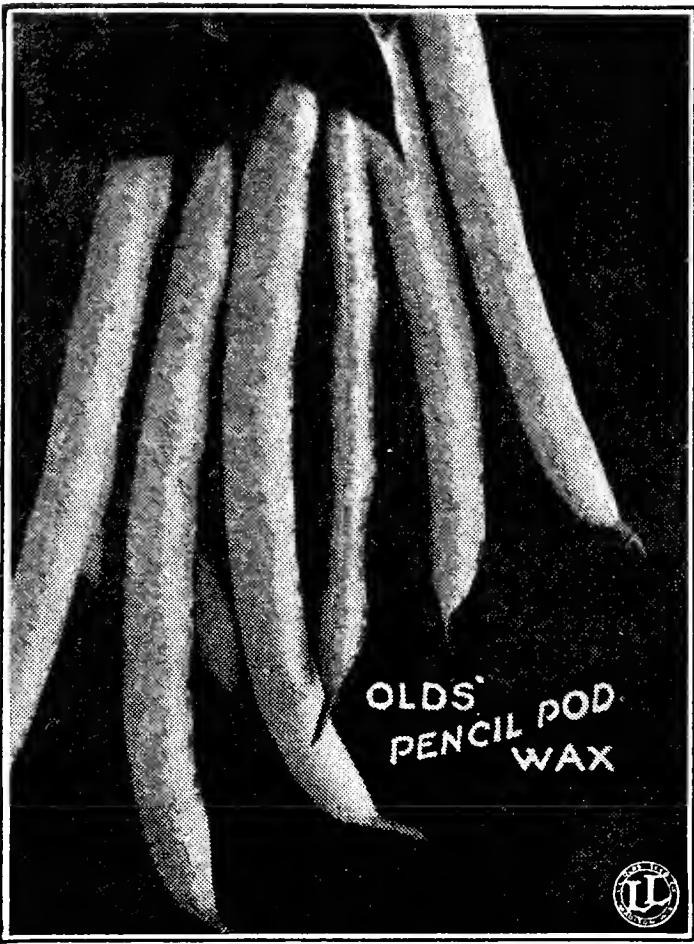
Alex Stefanski, Wisconsin

"I think your seeds are the best we have used so will always sow them."

John L. Bruder, Wisconsin

WE PAY POSTAGE ON ALL VEGETABLE SEEDS, FLOWER SEEDS, BULBS AND PLANTS AND DELIVER FREE TO ANY POST OFFICE IN THE UNITED STATES, UNLESS OTHERWISE MENTIONED. PLEASE ORDER BY NUMBER. WE GUARANTEE SAFE DELIVERY.

OLDS' WAX POD BUSH BEANS



OLDS' PENCIL POD
WAX

"We have used your seeds exclusively for nearly ten years, and have found them entirely satisfactory every year." — Jas. G. Watts, Illinois.

"We have tried your Dollar Collection several times with great success." Mrs. G. E. Greenfield, Minnesota.

"You sure have good seeds. I could buy them for less elsewhere but I know I could not depend on them like I can on yours. Luck to you!" — W. F. Garrett, Indiana.

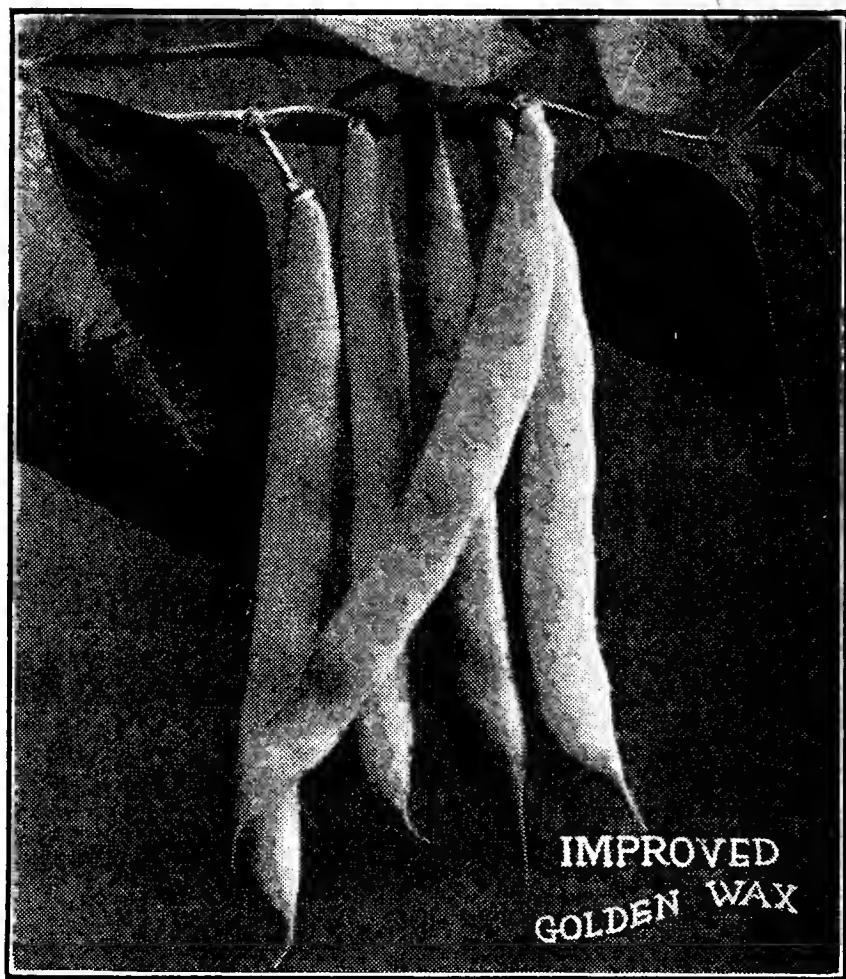
24. ★OLDS' PENCIL POD BLACK WAX. Best of all the dwarf black-seeded wax varieties. The pods are round, $6\frac{1}{2}$ to 7 inches long, straight, and crease-backed. Early and very productive; entirely stringless and a clear yellow in color. Quality excellent. Large 2 oz. pkt., 8c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 62c; 5 lbs., \$1.30, postpaid.

22. DAVIS WHITE KIDNEY WAX. The pods are $6\frac{1}{2}$ to 7 inches long, white, straight, flat and slightly stringy and are borne in clusters. It is in the first early class and a very handsome bean. Pkt., 5c; $\frac{1}{2}$ lb., 17c; 1 lb., 30c; 2 lbs., 50c; 5 lbs., \$1.05, postpaid.



Olds' Early Stringless Wax.

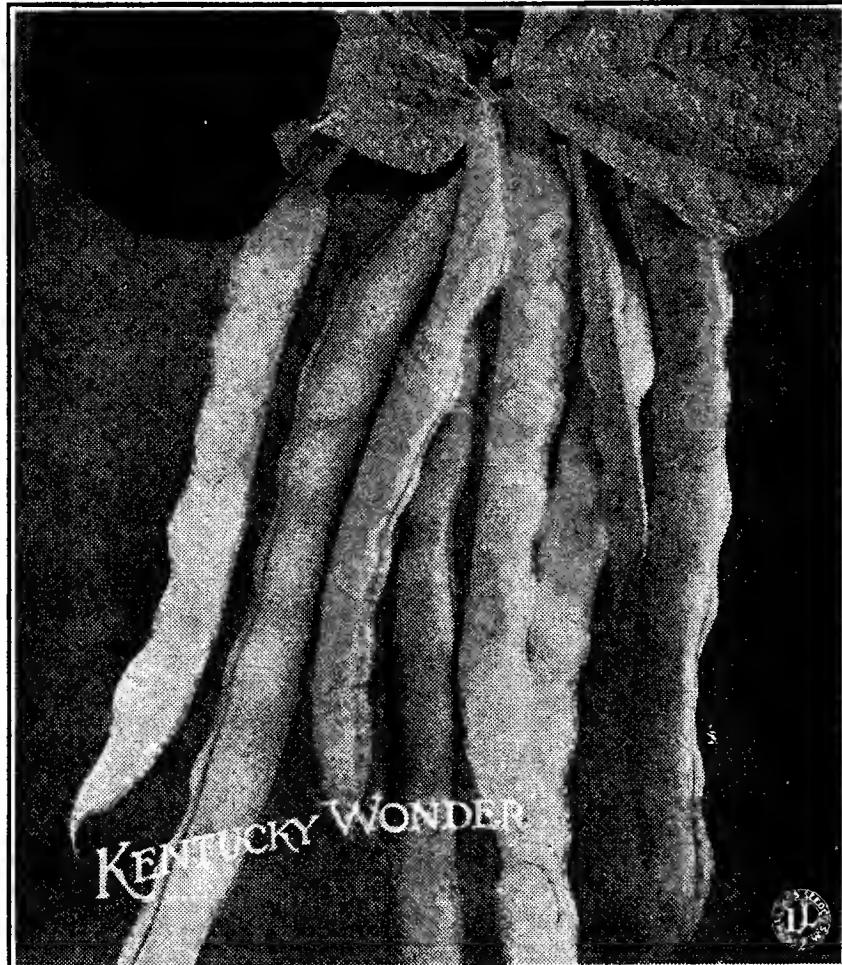
20 $\frac{1}{2}$. ★OLDS' EARLY STRINGLESS WAX. This bean is our leader in wax-pod varieties. A cross between Stringless Green Pod and Valentine Wax, and a decided improvement over both. It possesses earliness, hardiness and vigor. The pods are light yellow in color, well filled, tender, and of a delicious flavor. Large 2 oz. pkt., 8c; $\frac{1}{2}$ lb., 21c; 1 lb., 35c; 2 lbs., 62c; 5 lbs., \$1.30, postpaid.



IMPROVED
GOLDEN WAX

20. ★IMPROVED GOLDEN WAX. The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are 4 to $4\frac{1}{2}$ inches long and very handsome; of a rich golden-yellow color. Large 2 oz. pkt., 7c; $\frac{1}{2}$ lb., 17c; 1 lb., 30c; 2 lbs., 50c; 5 lbs., \$1.05, postpaid.

POLE BEANS



KENTUCKY WONDER

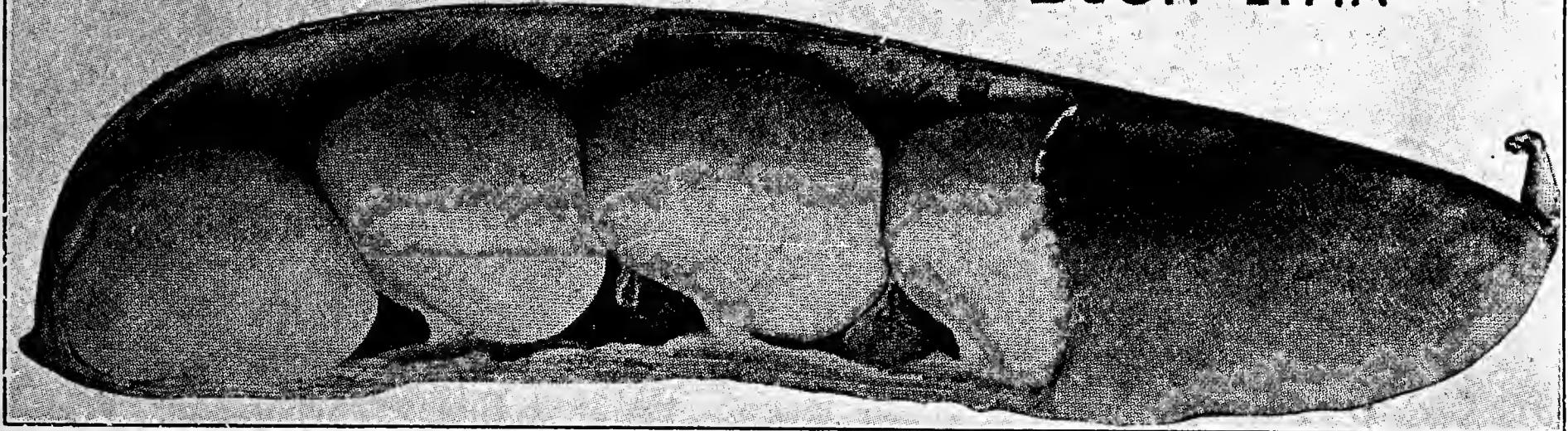
38. ★KENTUCKY WONDER. (Old Homestead.) Without doubt the most popular and useful of the green podded pole beans. The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Large 2 oz. pkt., 7c; $\frac{1}{2}$ lb., 18c; 1 lb., 33c; 2 lbs., 58c; 5 lbs., \$1.20, postpaid.

38 $\frac{1}{2}$. KENTUCKY WONDER WAX. The earliest of all the pole wax sorts. The pods are flat, 7 to 8 inches long, thick, decidedly crease-backed, very fleshy; brittle and somewhat stringy. Very attractive and of fair quality. Color, light yellow. Pkt., 8c; $\frac{1}{2}$ lb., 21c; 1 lb., 37c; 2 lbs., 64c; 5 lbs., \$1.35, postpaid.

OLDS' LIMA BEANS—BUSH VARIETIES

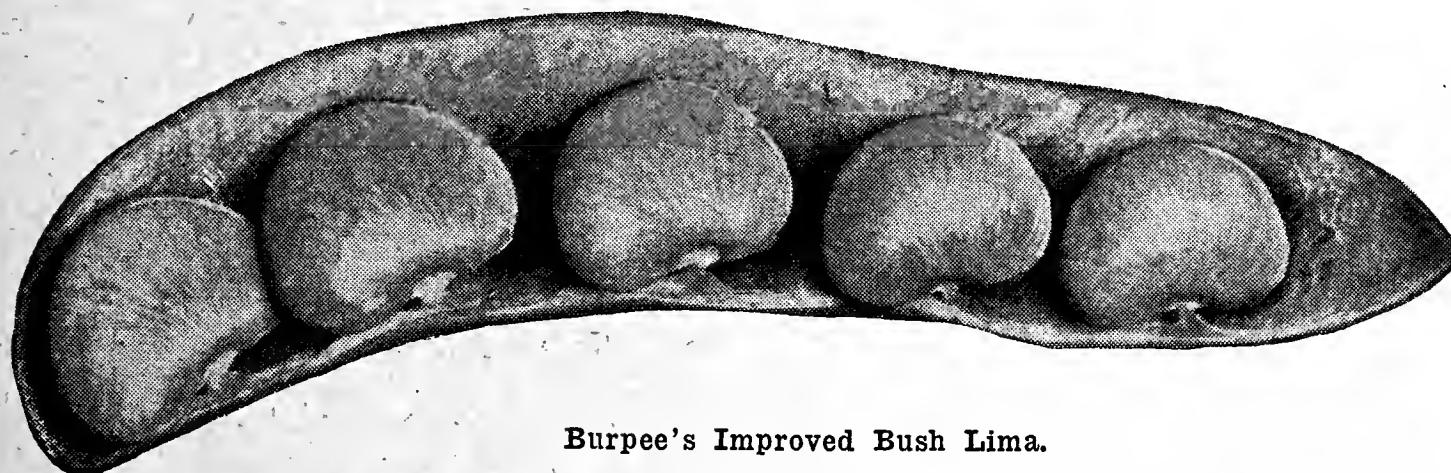
NOTE: Plant Limas with the eyes down and in a warm location. Do not plant until the soil is thoroughly warm. Lima beans should be harvested while they are still green.

FORDHOOK BUSH LIMA



34½. **FORDHOOK BUSH LIMA.** The highest in quality and the most prolific of all the Bush Lima Beans. An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; from four to five inches long, and produced in large clusters; they contain from 3 to 5 large beans each of fine quality. The beans are white, with greenish tinge, thick and meaty. Large 2-oz. pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$1.70, postpaid.

31. **HENDERSON'S BUSH LIMA.** (Butter Bean). A small bean. The bush is not large, but the variety is earlier than any other Bush Lima. Pods are small containing 3 or 4 small, flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. We recommend this variety of Lima for the home garden, because of its quality and extreme earliness. Pkt., 7c; ½ lb., 17c; 1 lb., 32c; 2 lbs., 58c; 5 lbs., \$1.20, postpaid.



Burpee's Improved Bush Lima.

34. **★BURPEE'S IMPROVED BUSH LIMA.** Early, large and productive. Both beans and pods are larger than in the old Burpee's Bush Lima, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. Large 2 oz. pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.75, postpaid.

OLDS' POLE LIMA BEANS

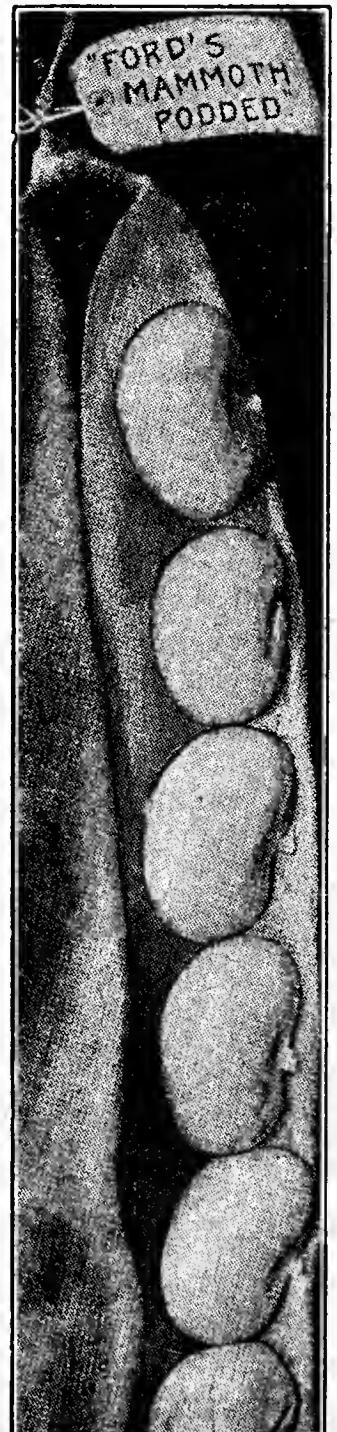
33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average eight inches in length, with from five to seven beans in a pod, excellent either green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. Pkt., 10c; ½ lb., 22c; 1 lb., 40c; 2 lbs., 70c, postpaid.

30½. **DREER'S POLE LIMA.** This variety of Lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, measuring 3½ to 4 inches long with pods well filled and 4 to 5 beans in each pod. Beans are oval in shape, thick, sweet and succulent. Pkt., 10c; ½ lb., 22c; 1 lb., 40c; 2 lbs., 70c, postpaid.

39. **SCARLET RUNNER.** A pole bean that is really a climbing bean and very ornamental. The blossoms are scarlet, the pods a beautiful green, shading to wine color when ripe. The large, showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but the beans are good to eat, both as snap and shelled beans. Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 80c, postpaid.

14. **NAVY BEAN or BOSTON BAKED BEAN,** as it is sometimes called. Popular since the time of the Civil War. Primarily a Field Bean but deserves a place in the garden. Don't give it rich soil. Cultivate well, but never cultivate or disturb any crop of beans while wet with either dew or rain, as it is always sure to produce rust or blight. Pkt., 5c; ½ lb., 18c; 1 lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

FOR GARDEN BEANS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for 8 pounds, 25c, postpaid. (The same culture may be used for Peas also.) See page 67.

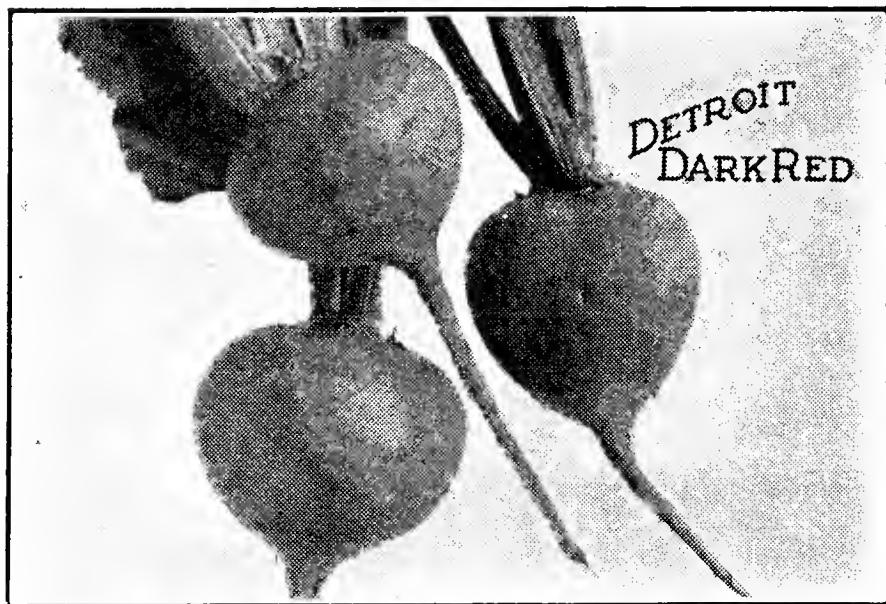


OLDS' GARDEN BEETS

CULTURE: The best soil for beets is a deep sandy loam, although they are easily grown and will do well in most any soil. For early beets plant as early in the spring as the ground can be worked, sowing a little later for the main crop. Winter beets should be planted about the 15th of June.

Plant the seed about $\frac{3}{4}$ inch deep and in rows one foot apart. Thin the plants to 3 inches. Each packet contains enough seed to sow 15 feet; one ounce 60 feet; 5 pounds an acre drilled.

We endeavor to have seed to offer that will produce beets free from rootlets and uniform in size. For larger amounts than quoted, see Market Gardeners' Wholesale Price List, pages 5 and 6.



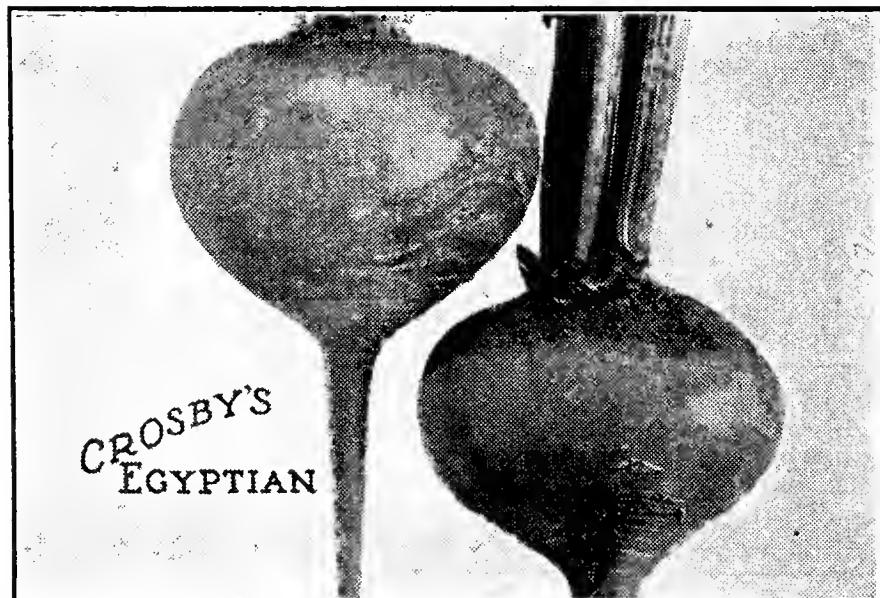
48. **★DETROIT DARK RED.** Select Strain. The leading main crop variety for the home and market gardener. Globe shaped, sweet, tender, fine grained and free from woodiness. Dark crimson in color. Quality of the best. Leaves dark green, shaded to red. Probably the most widely grown beet for commercial canning. Our largest seller. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

40. **EXTRA EARLY EGYPTIAN.** A famous variety for forcing and for first early. One of the very earliest of all beets in fact, with very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c; postpaid.

44. **EARLY ECLIPSE.** As early as the Egyptian but more desirable because of its globe shape, smoothness and regularity. It is sweet and tender and of a dark red color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 75c, postpaid.

49. **HALF LONG BLOOD.** This variety is becoming popular because it outyields the turnip shaped beets. It produces more bushels per given area. Decidedly an excellent second early variety and a good keeper; roots half long, smooth and deep red in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 75c, postpaid.

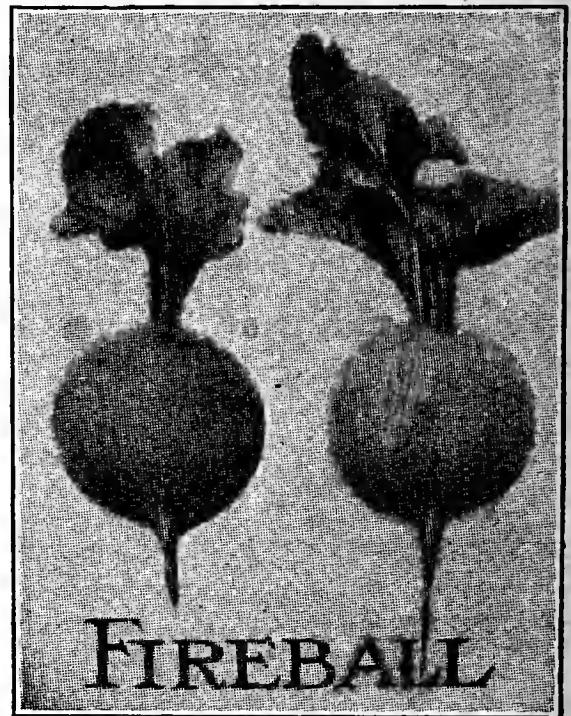
45. **★OLDS' EARLY MODEL.** One of the earliest. Globe shaped with small tap roots. Flesh tender, sweet and free from fiber. Color very dark, making it splendid for pickling. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.



51. **CROSBY'S EGYPTIAN.** A first-early market variety. Flattened globular shape and of fine quality. One of the best for early but not recommended for winter storing. Roots dark red and flesh a trifle lighter with some zoning. Tops very small. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

BEETS IN SUCCESSION.

Do not depend on one planting for a supply all through the summer and fall. Some varieties are sweet and tender after they have grown to large size but the sweetest and most delicious of all are the small beets — just big enough to use. Have more coming on all the time.



FIREBALL



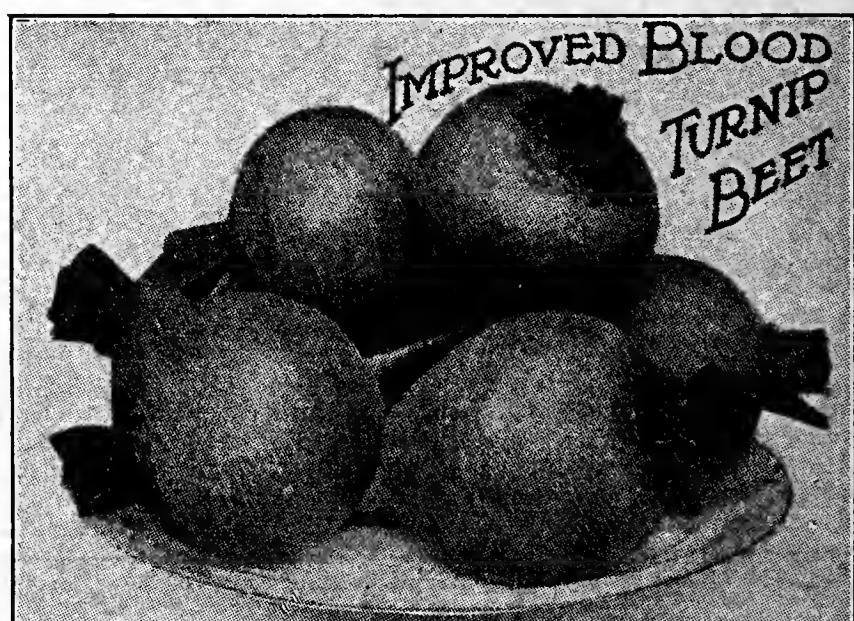
40 $\frac{1}{2}$. **★OLDS' EARLIEST FORCING.** (Fireball.) Earliest of all beets; suitable for forcing. A turnip-rooted or globe shaped variety and red as a radish. It has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small, making it valuable for sowing in frames. Retains its fresh table qualities better than most beets. A valuable sort also to sow in the open ground as well as in frames. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.



42. **PERFECTED DETROIT.** Our new beet. The darkest and most uniform beet to be had. See page 2. Pkt., 10c; oz., 17c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

52. **★CRIMSON GLOBE.** A fine second early or main-crop table or market variety. Globe shaped, medium in size and slightly zoned. A rich blood red in color, sweet, tender and never stringy. Foliage small and dark. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 75c, postpaid.

43. **★OLDS' EARLY WONDER.** A selection from Crosby's Egyptian. We think it is just a little nearer perfection than anything else we offer in the beet line. Very uniform dark red, globe shaped, small top. Especially good for late planting although in the extra early class; 45 days to maturity. Early, hardy, productive and handsome. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 95c, postpaid.



41. **★OLDS' IMPROVED EARLY BLOOD TUR-
NIP.** A fine bright red beet. Remarkably even in size and appearance and ready for use 50 days from planting. A flattened globe shape, good quality. Tops large and coarse. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 75c, postpaid.

OLDS' SWISS CHARD AND MANGELS



52½. **LUCULLUS SWISS CHARD.** The city gardener's friend. Largely used for greens. Grows again after being cut off. The plants grow from two to two and one-half feet in height. Stalks are thick, broad, and flat, also delicious when cooked and served like asparagus. Pkt., 5c; oz., 12c; ¼ lb., 30c; 1lb., 90c, postpaid.

53. **GREEN LYON CHARD.** A fine variety for the home garden. Leaves are smooth and very dark green. The stalks and mid ribs are broad and white. Very attractive and more easily cleaned than Lucullus. Pkt., 5c; oz., 12c; ¼ lb., 30c; 1lb., 90c, postpaid.

"This is my fourth order this year. What won me to you was that although I had marvelous results from your seeds, your descriptions do not flatter. Some catalogs praise each variety so much that we don't know what to pick, and yours is the only catalog I know that 'Tells the Truth.'"

Mrs. Casper Weigel, Wisconsin.

"For 5 years or longer I have raised cabbage from your seed when others failed."

W. V. Wightman, Va.

"If we had always dealt with people that give us dollar for dollar as you do we would be bigger farmers."

Mrs. Wm. Crabtree, Penn.

"The Mammoth Long Red Mangels make a wonderful green feed in winter for chickens. They keep well in cellar."

Mrs. Geo. E. Miller, Illinois.

OLDS' MANGELS

Mangels are highly nutritious and easily stored for winter. Greatly relished by all live stock and poultry. They are as digestible as grain; no silo is required. Mangels will save one-half the grain feed without reducing the milk yield. One ounce of seed will sow 75 to 100 feet of drill; 6 pounds an acre.

Mangels for winter storage should be planted about corn planting time. Make the rows about 20 inches apart for hand cultivation or three to four feet apart for horse cultivation. Thin to about four to six inches apart in the row. For larger amounts than quoted, see **Market Gardeners' Wholesale Price List**, pages 5 and 6.

Ask for Wisconsin Bulletin No. 330, "Root Crops Are Profitable."

55. **★MAMMOTH LONG RED.** The most widely grown mangel. Yields up to 40 tons per acre, the large roots often weighing 15 pounds each. They frequently grow two feet or more long, with $\frac{1}{2}$ to $\frac{2}{3}$ of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 8c; ¼ lb., 17c; 1lb., 50c; 5 lbs., \$2.00, postpaid.

56. **GOLDEN TANKARD.** Large roots, nearly cylindrical in shape, narrowing abruptly at both ends. Flesh zoned yellow and white, very productive. Contains a larger percentage of sugar than the red mangels. Oz., 10c; ¼ lb., 20c; 1lb., 55c; 5 lbs., \$2.25, postpaid.

59½. **★DANISH SLUDSTRUP.** This new mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Slupstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c; ¼ lb., 20c; 1lb., 55c; 5 lbs., \$2.25, postpaid.

63. **★GIANT HALF SUGAR ROSE.** Combines the large size of a mangel with the greater feeding value of a sugar beet. Roots are oval shaped, skin rose colored, flesh white. One of the most valuable for feeding stock. Oz., 10c; ¼ lb., 20c; 1lb., 55c; 5 lbs., \$2.25, postpaid.

SUGAR BEET

61. **KLEIN WANZLEBEN SUGAR BEET.** Largely grown for sugar. The roots are straight and even. A heavy yielder and very rich in sugar. The young beets are fine cooked with red table beets. Cooked this way they turn red and are much sweeter than the garden beet. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1lb., 55c; 5 lbs., \$2.25, postpaid.

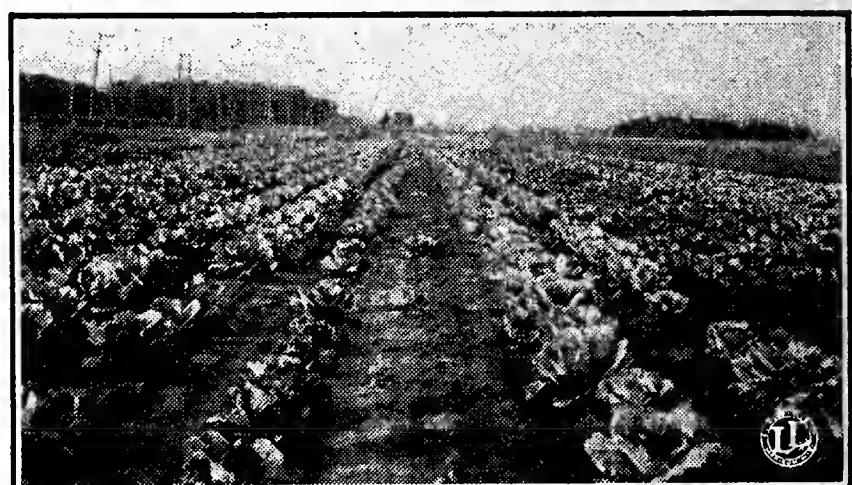
Danish Sludstrup.



OLDS' WISCONSIN YELLOWS RESISTANT CABBAGE

The accompanying photograph of a field at Racine, Wisconsin, shows a test row of cabbage from good commercial seed in the center of a field of yellows-resistant cabbage. A very few plants only out of hundreds set out, survived in this row. No clearer demonstration of the value of resistant seed in districts affected by yellows could be given. A few years back, cabbage growing in Racine and Kenosha Counties, the oldest cabbage section in Wisconsin, had been practically abandoned because the soil had become so badly infected with yellows, that a satisfactory stand could no longer be secured.

Then, after years of experiment and study, Professor L. R. Jones of the Department of Plant Pathology of the University of Wisconsin, selected three strong heads of the Danish Ballhead or Hollander variety, which were apparently immune to yellows. The seed from these were planted, and extensive field tests proved the plants from this seed to be as resistant as were the first three. Thus, after years of effort, was Wisconsin Disease Resistant Seed established. By its use many infected districts, abandoned for cabbage growing, are now producing again. We now have five varieties of resistant seed, developed by the same methods.



Olds' Wisconsin Globe.

Enkhuizen and is the same in season as that variety. Pkt., 12c; $\frac{1}{2}$ oz., 27c; oz., 50c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00.

"Your Yellows Resistant Cabbage is surely all right. First cabbage we have had free from that disease in several years." —Mrs. Ed. Clinedin, West Va.



77. Olds' Wisconsin Globe is a wonderful "yellows resistant" second early cabbage. It has short stems, round heads and is a very vigorous grower. A sure header and of excellent quality. A good yester on any fair soil. This cabbage is a selection from Glory of

80 $\frac{1}{2}$. **WISCONSIN HOLLANDER NO. 8** or Wisconsin Danish Ballhead. The same as No. 85 described on the following page, except that it is "Yellows Resistant." Wisconsin No. 8 is without doubt the most satisfactory strain of cabbage to grow for winter use and for a shipper. It will keep better than any other and it has the heaviest, most solid heads of any. The heads are almost perfectly round, fine grained and with few outside leaves. We recommend this strain most emphatically. Pkt., 10c; $\frac{1}{2}$ oz., 18c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

76. **WISCONSIN ALL SEASONS.** The same as No. 80 described below except that it is "Yellows Resistant." Pkt., 10c; $\frac{1}{2}$ oz., 18c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

87. **MARION MARKET.** (Wisconsin Copenhagen.) This is the Yellows Resistant strain of Copenhagen Market and is known as Marion Market. For description see Copenhagen Market below as it is the same only resistant to yellows. A good kraut variety. Pkt., 12c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; lb., \$4.25, postpaid.

74. **WISCONSIN JERSEY QUEEN.** New Yellows Resistant Wakefield Cabbage; just as early as Jersey Wakefield and identical in leaf and head growth. It has the pointed head of the Jersey Wakefield and is just as heavy a yester. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.50, postpaid.

OLDS' CABBAGE STANDARD.

In growing good cabbage it is necessary first to obtain the best seed produced. We have that kind. Our American varieties are of the best American strains, our Yellows Resistant Seed is Wisconsin grown, and our Danish varieties are produced in Denmark where those varieties reach perfection. Cabbage requires deep mellow soil. One packet will produce 400 plants, $\frac{1}{4}$ pound plants enough for an acre.

CULTURE: For early use sow the seed in hot beds during February and March and transplant in the open ground as soon as danger of freezing is over, in rows 2 feet apart and 18 inches apart in the row. For second early sow in April and transplant in May and for the late varieties sow about May 10th and transplant from the middle of June to the first of July. Use Slug Shot for cabbage worms and Evergreen for lice. See pages 93 and 94. Maggot Control. See page 34.

75. **ALLHEAD EARLY.** Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat and solid. If but one variety of cabbage is planted, probably Allhead Early is the best for all purposes. Makes a fine winter cabbage. Pkt., 5c; $\frac{1}{2}$ oz., 11c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

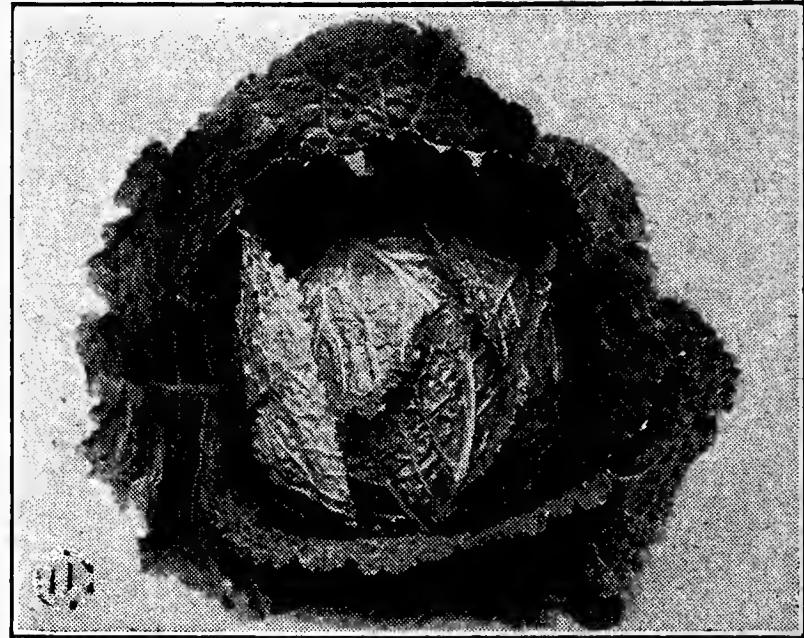
80. **ALL SEASONS.** Can be used for either early or late. Heads large, round and deep. A late second early. A good keeper and a favorite with gardeners. Pkt., 5c; $\frac{1}{2}$ oz., 11c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

84 $\frac{1}{2}$. **COPENHAGEN MARKET.** Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield. Heads large, round and solid. Our seed is the best Danish grown. Pkt., 9c; $\frac{1}{2}$ oz., 17c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

82. **PREMIUM LATE FLAT DUTCH.** This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 5c; $\frac{1}{2}$ oz., 11c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

89. **MAMMOTH ROCK RED.** The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from ten to twelve pounds. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$2.80, postpaid.

83 $\frac{1}{2}$. **CHINESE CABBAGE.** Chihli. See page 18.

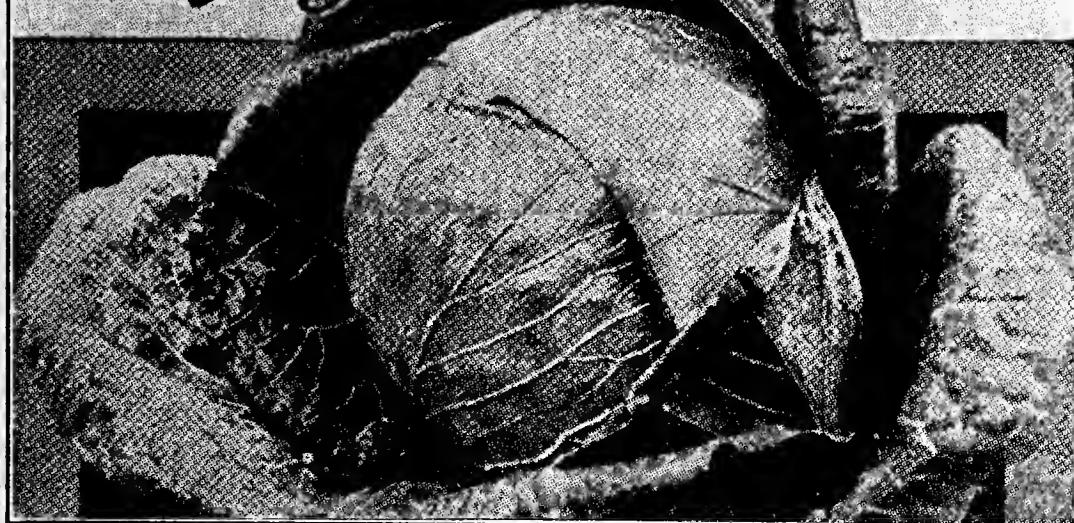


Drumhead Savoy.

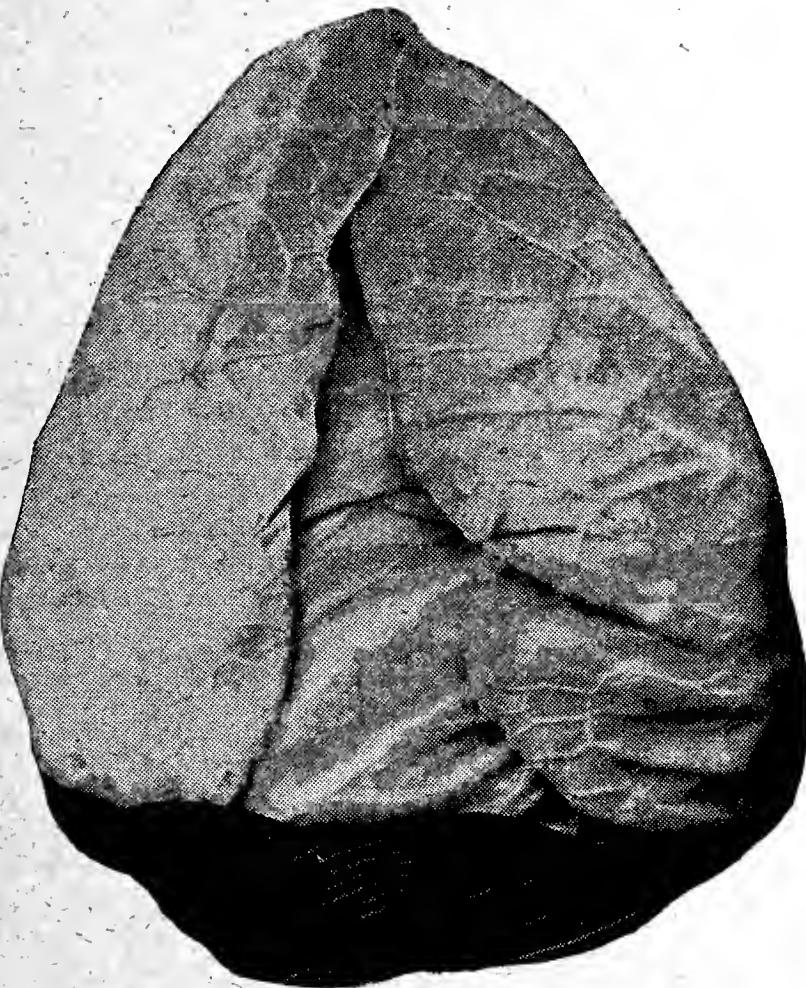
83. **DRUMHEAD SAVOY.** Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves are very much crumpled. Pkt., 7c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50, postpaid.

OLDS' CABBAGE

Glory of Enkhuizen



88 1/2. ★**GLORY OF ENKHUIZEN.** Valued for its earliness, size, keeping qualities and flavor. Heads medium, round. A fine kraut cabbage. Pkt., 5c; 1/2 oz., 11c; oz., 20c; 1/4 lb., 70c; lb., \$2.00, postpaid.



Olds' Early Jersey Wakefield.

70. ★**OLDS' EARLY JERSEY WAKEFIELD.** 90 days to maturity. Early Jersey Wakefield is the best known and most popular extra early cabbage in cultivation. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 5c; 1/2 oz., 13c; oz., 22c; 1/4 lb., 75c; lb., \$2.25, postpaid.

72. **CHARLESTON WAKEFIELD.** About one week later than Early Jersey Wakefield with heads fully one-half larger. Pkt., 5c; 1/2 oz., 13c; oz., 22c; 1/4 lb., 75c; lb., \$2.25, postpaid.

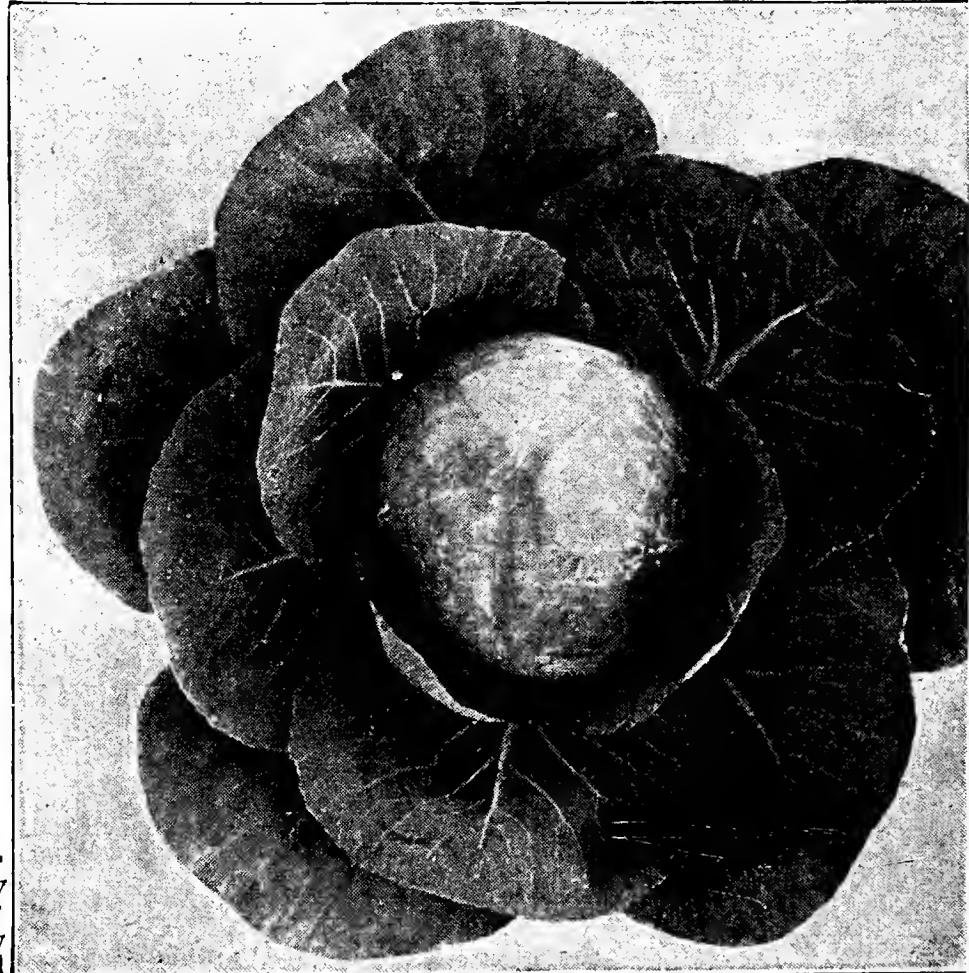
FROST PROOF CABBAGE PLANTS. Grown off the coast of South Carolina where the difficult growing conditions give the plants great resistance to cold and bad weather. They are guaranteed to stand a temperature of 20 degrees above zero. **YOU GAIN THREE WEEKS.** Shipment to you direct from the growing station. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a steady growth. Can supply Early Jersey Wakefield, Charleston Wakefield, Copenhagen Market, Succession and Early Flat Dutch. Price: 100 to 300 plants at 50c per 100; 500 plants, \$1.60; 1,000 or more plants at \$3.00 per 1,000, postpaid. By express: 1,000 to 4,000 plants at \$2.00 per 1,000; 5,000 or more plants at \$1.50 per 1,000. (No orders filled C. O. D. or for less than 100 plants of a variety.)

HOME GROWN CABBAGE PLANTS. Ready early in May. Can supply Early Jersey Wakefield, Golden Acre and Copenhagen Market. Prices of all: Doz., 25c; 50 for 65c; 100 for \$1.50; 500 for \$6.00, postpaid. For late varieties sow seed in open ground about May 10th and transplant in the field four weeks later. (After May 15th order Home Grown Cabbage Plants as we cannot furnish the Frost Proof after that date.)



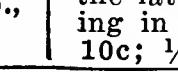
85. ★**HOLLANDER OR DANISH BALLHEAD.** The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. The most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. Pkt., 8c; 6 oz., 18c; oz., 30c; 1/4 lb., 90c; lb., \$3.00.

86. **OLDS' EVERGREEN HOLLANDER.** Olds' Evergreen Hollander is a selected strain of Danish Ball Head Cabbage and a very superior strain. For quality and type this strain will head the entire list. Pkt., 15c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00, postpaid.



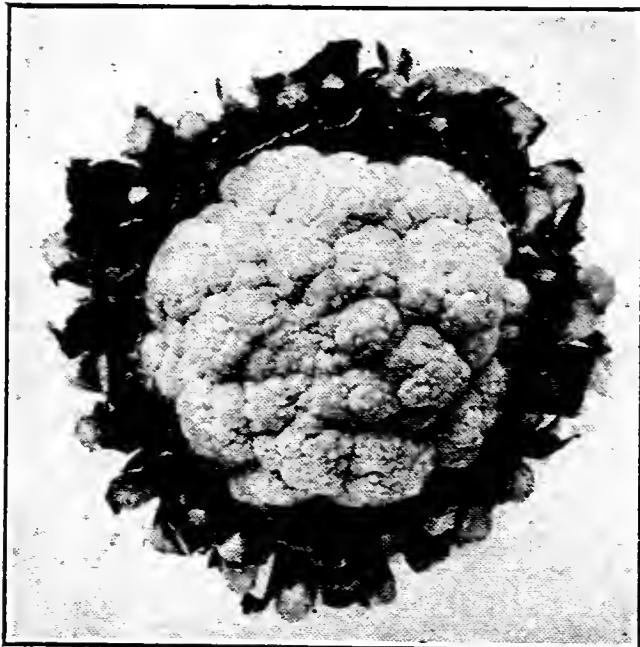
Golden Acre Cabbage.

73. ★**GOLDEN ACRE.** Earliest of all round-headed varieties. It is an extra early selection of the Copenhagen type, maturing in 80 days. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. Pkt., 10c; 1/2 oz., 20c; oz., 37c; 1/4 lb., \$1.25; lb., \$3.75.



OLDS' CAULIFLOWER

Olds' Cauliflower Seed is grown in Denmark and is the best that can be produced. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request.

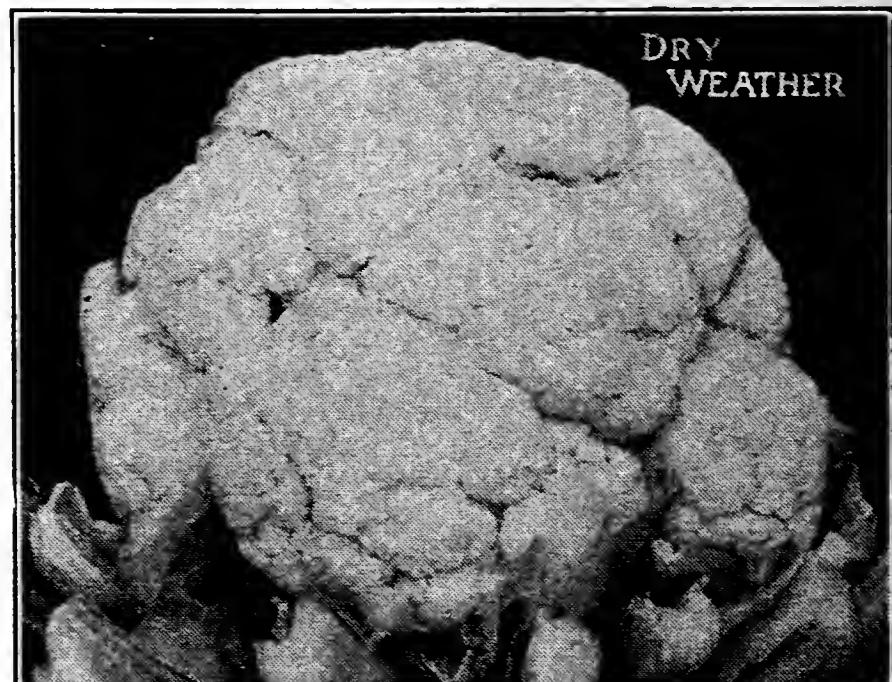


Olds' Super Snowball.

91. ★**OLDS' SUPER SNOWBALL.** Our 1930 introduction. It is a real marvel, both in earliness and in uniformity of heading. It will head from 2 to 3 weeks sooner than the earliest strains of cauliflower that we know of and very uniformly throughout the field. The heads are large, deep and solid and have a pure white color. Foliage strong and vigorous, forming a good protection. The crop can be completely harvested 4 months from the time the seed is sown. In our experience we have not found a cauliflower that can compare with this variety. Pkt., 20c; $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.75; $\frac{1}{4}$ lb., \$11.10, postpaid.

90. ★**IMPROVED EARLY SNOWBALL.** Undoubtedly the most popular early variety either for the home or market garden. The medium sized, snow-white heads (six to ten inches in diameter) are firm, compact and solid, with few short, upright leaves. Our seed is grown in Denmark and equal to any strain of Snowball anywhere. Pkt., 15c; $\frac{1}{4}$ oz., 60c; $\frac{1}{2}$ oz., \$1.20; oz., \$2.00; $\frac{1}{4}$ lb., \$6.60, postpaid.

"Must say your seeds are high priced and so I tried ordering seed somewhere else two years ago but never again. I'd sooner pay a few cents more and have all summer joy in how my garden grows and looks. Everyone who buys your seeds can't praise them enough."— Mrs. W. C. Jilek, Wis.



Dry Weather Cauliflower.

93. ★**DRY WEATHER.** The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads, too, larger than Snowball and is a sure header. Pkt., 15c; $\frac{1}{4}$ oz., 60c; $\frac{1}{2}$ oz., \$1.10; oz., \$2.00; $\frac{1}{4}$ lb., \$6.65, postpaid.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large and compact. A vigorous grower. Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 50c; $\frac{1}{4}$ lb., \$1.75, postpaid.

OLDS' HOME GROWN CAULIFLOWER PLANTS.

We can furnish Improved Early Snowball (early) and Dry Weather (second early). Ready early in May. Doz., 30c; 50 for \$1.00; 100 for \$1.75, postpaid.

OLDS' CELERY

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants. Leaflet on celery culture, free on request.

117. ★**GOLDEN SELF-BLANCHING.** (American Grown.) The leading early variety of celery and for many years first in importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

Golden Self-Blanching is the earliest to mature, not liable to blight and a good keeper and shipper. The best known, most grown, most wanted celery on the market today, and by far our biggest seller. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.45, postpaid.



HOME GROWN CELERY PLANTS.

We can furnish Golden Self-Blanching (early) and Winter Queen (late). Ready about June 15th. Doz., 40c; 50 for \$1.25; 100 for \$2.25, postpaid.

115 $\frac{1}{2}$. ★**EASY BLANCHING.** One of the easiest to blanch and one of the best in quality. The plants make a quick, healthy growth with thick stalks, very tender and brittle; early-maturing. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 40c; $\frac{1}{4}$ lb., \$1.20, postpaid.

121. ★**WINTER QUEEN.** One of the best and most desirable winter varieties. Of medium height, broad, light green stalks; very solid and crisp; blanches creamy-white. Pkt., 10c; $\frac{1}{2}$ oz., 15c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.



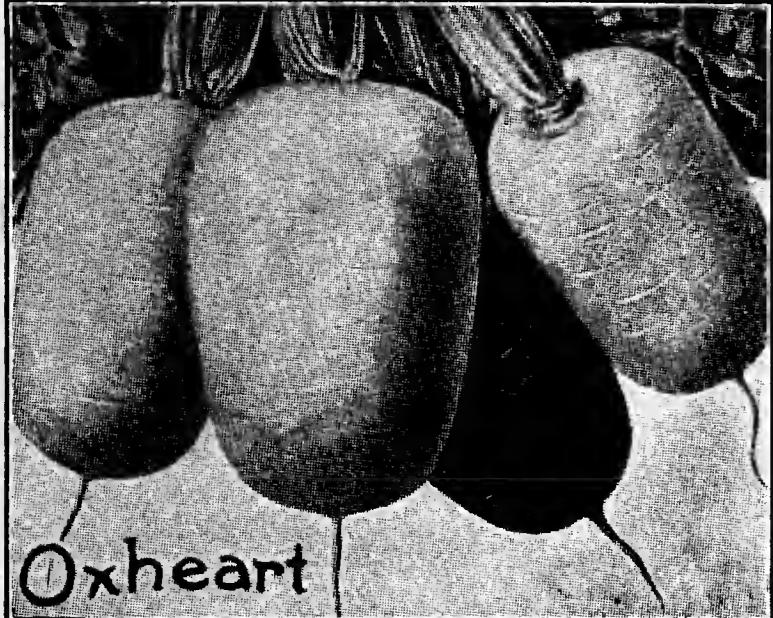
WINTER QUEEN

118. ★**GIANT PASCAL.** A standard fall and winter variety, but not a good shipper on account of its tender stalks. This fact, however, commends it as a home-garden or home-market variety. The stalk is of medium length, and blanches to an appetizing creamy-white color; is very thick and nearly round, but flattened toward the base. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.

OLDS' CARROTS

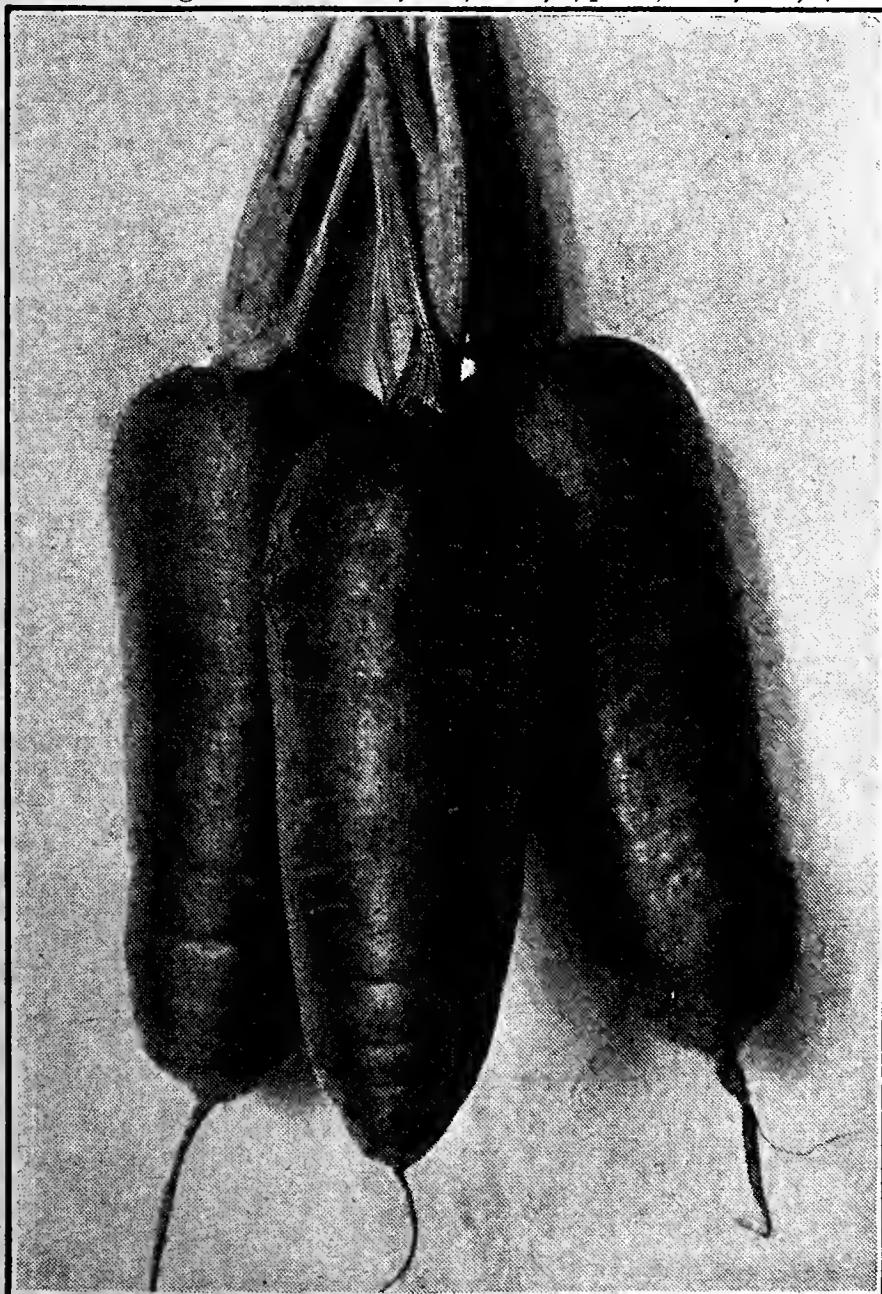
The carrot is one of the most valuable of vegetables and should be cultivated more extensively. They are very wholesome and contain the essential vitamins. Growing children should be fed carrots regularly. Our carrot seed is grown from carefully selected roots and will produce the kind of crop that you want. Seed is short this year. Order early.

CULTURE: Carrots will do well on practically any soil although they will do the best on loam. Sow the seed as early as possible in rows 18 to 24 inches apart. Thin the seedlings to 2 or 3 inches apart in the row. The seed should be sown to a depth of about 4 times the diameter of the seed. Do not depend upon only one planting of carrots as they are at their best when young and tender. Plant every two or three weeks up to the middle of July.



103. **★OXHEART.** Very popular and pronounced by many "the best all around carrot." Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Pkt., 5c; oz., 10c, $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

105. **EARLIEST FRENCH FORCING.** The earliest carrot; best for forcing; roots almost round, $2\frac{1}{2}$ inches through. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.



Early Chantenay Carrot.

106. **★EARLY CHANTENAY. SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions $5\frac{1}{2}$ inches long, 2 to $2\frac{1}{2}$ inches thick at the crown and tapering to 1 to $1\frac{1}{2}$ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. Pkt., 7c; oz., 13c; $\frac{1}{4}$ lb., 42c; lb., \$1.25, postpaid.



100. **★DANVERS HALF LONG.** A splendid carrot, grown for its productiveness and table quality. One of the best and most desirable for home or market garden. Root 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 7c; oz., 13c; $\frac{1}{4}$ lb., 42c; lb., \$1.25, postpaid.

102. **OLDS' IMPROVED LONG ORANGE.** A well known standard variety; roots 12 inches long, thick at the crown and tapering regularly to a point; color deep orange; suitable for both table and field crop. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

107. **OLDS' RED CORED CHANTENAY.** This strain of Chantenay produces very smooth roots of even shape and size and free from eyes on the roots. The color is a rich orange, the core practically the same color.

The carrots measure about $5\frac{1}{2}$ to 6 inches in length, evenly stump rooted, with very small tail roots. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 50c; lb., 1.50, postpaid.

108. **OLDS' IMPERATOR.** An improved type of Danvers Carrot, longer, slimmer, with small shoulder and attractive color. See front cover and page 2. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.30, postpaid.



"STOCK CARROTS"

112. **MASTODON.** The heaviest cropper of all varieties, yielding more tons to the acre than any other. Creamy white in color and of excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

111. **LONG ORANGE BELGIAN.** While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, is a specially desirable variety to grow for feed. The roots are mammoth in size, about 20 inches long, yielding often as high as 10 tons per acre. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

"This makes the tenth year for us in planting your Dollar Collection and we always have a real garden." Lloyd M. Port, South Dakota

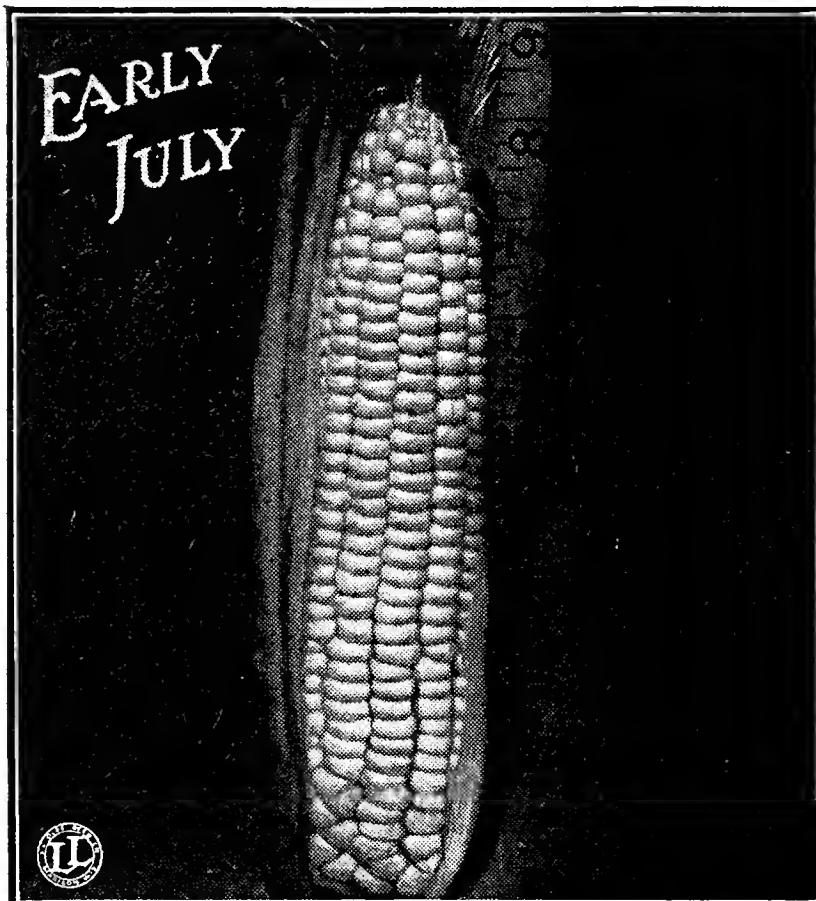
"We are never satisfied with our garden unless we have your seeds." Mellors Roys, Iowa

"I have always liked your seeds and can recommend them to anyone." John Bale, North Dakota

OLDS' SWEET CORN

Our Sweet Corn is all first class, high testing seed. packet and enough for 30 to 40 hills. One peck (11 lbs.) Sweet Corn as well as Field Corn. See page 75. For large amounts see Market Gardeners' list, pages 5 and 6.

Our packets each contain two ounces, larger than the usual. We recommend using Semesan Jr., with Sweet Corn as well as Field Corn. See page 75. For large amounts see Market Gardeners' list, pages 5 and 6.



135½. **OLDS' EARLY JULY.** An extremely early white corn. To say that it is earlier than Golden Bantam is perhaps recommendation enough. It will produce corn ready for table use in 60 days.

The ears are creamy white, about seven inches long and on account of the very admirable habit of producing two, three and even four good ears to the stalk, it is really very productive. It has a short stalk with few leaves, so you can plant six or eight kernels to the hill. Large pkt. (2 ozs.), 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

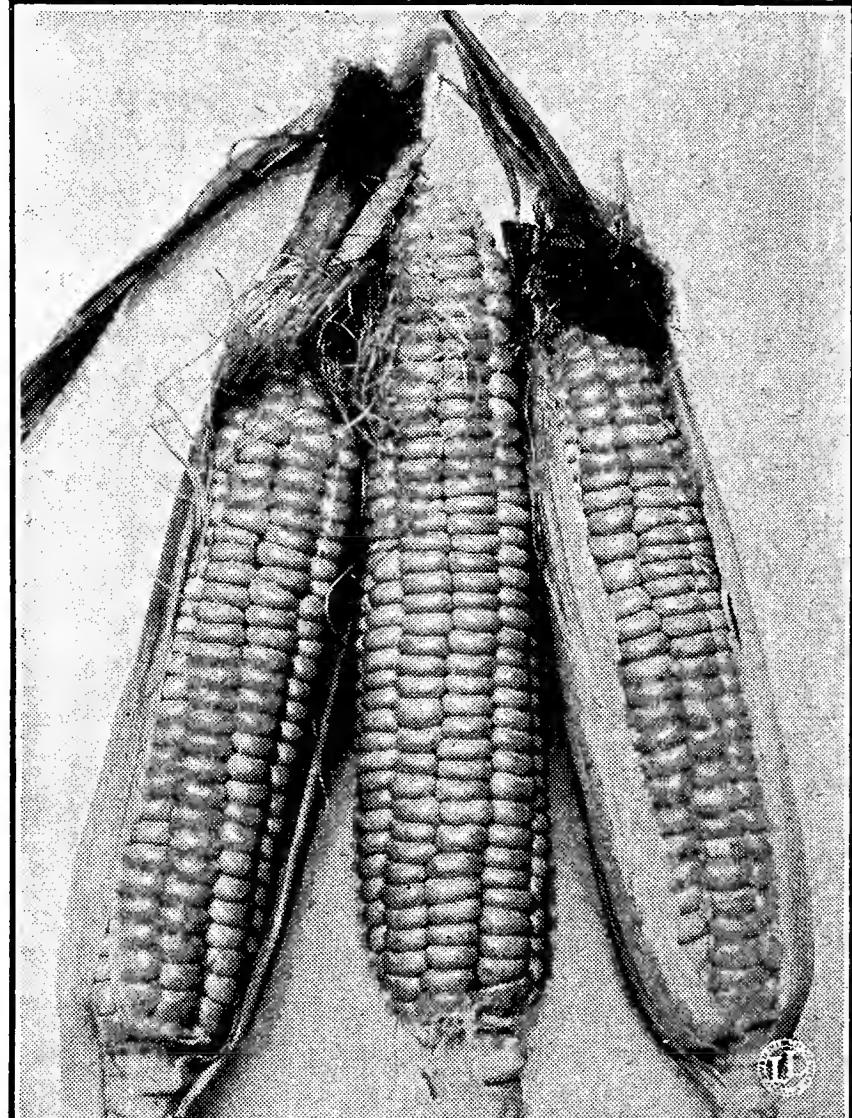
136. **MAMMOTH WHITE CORY.** Larger than the original White Cory and still one of the very earliest varieties of sweet corn. It was named Mammoth White Cory because the ears are so large for an extra early variety. Large pkt. (2 ozs.), 7c; ½ lb., 16c; 1 lb., 30c; 2 lbs., 50c, 5 lbs., \$1.00, postpaid.

142½. **BANTAM EVERGREEN.** Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. Large pkt. (2 ozs.), 8c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

"I planted Early July Corn you sold me last year and in just sixty days had corn right for table use."—Jay Brown, Glen Ellyn, Ill.

"We have found 'Golden Sunshine' a most excellent corn for this locality." Miss M. Irene Cole, Michigan.

144. **★ GOLDEN GEM.** Our new variety of sweet corn introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station. Very similar to the famous Golden Bantam and one of the finest of all. Decidedly earlier than Golden Bantam. Earlier even than Golden Sunshine. See front cover and page three for complete description. Order early as the supply of seed is limited. Large pkt., 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.35, postpaid.



Golden Bantam.

142. **★ GOLDEN BANTAM.** Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than 6 inches in length and several on a stalk, are perhaps higher in sugar content than for any other corn. It is only 10 to 12 days later than Early July, making a good succession when both varieties are planted at the same time.

The kernels are tender, very wide and of good depth, while the cob is small, and the flavor delicious. Large pkt. (2 ozs.), 5c; ½ lb., 15c; 1 lb., 28c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.



Olds' Golden Sunshine Sweet Corn.

148. **OLDS' GOLDEN SUNSHINE.** This new valuable variety was developed and introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station. It has a rich golden color; the ears are about one inch longer than the ears of Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 7 to 10 days earlier than Golden Bantam. Our stock of this new corn is especially fine. Pkt., 8c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid. —16—

OLDS' SWEET CORN

THREE VARIETIES OF SWEET CORN FOR SUCCESSION

The following three varieties are splendid for succession. Plant all at one time and you will have sweet corn over a long period.

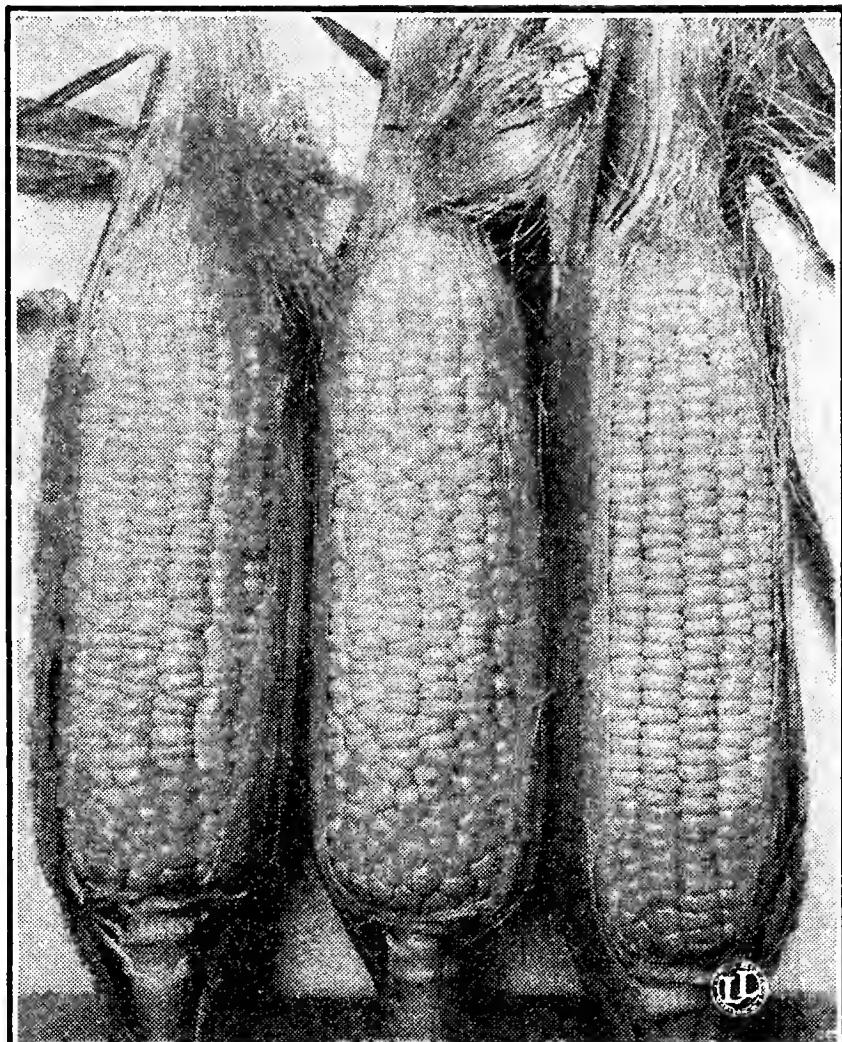
Early July, first early; Golden Bantam, second early, and Country Gentleman, late. One pkt. of each of the three, 15c; $\frac{1}{2}$ lb. of each, 40c; 1 lb. of each, 70c, postpaid.

139 $\frac{1}{2}$. ★COUNTRY GENTLEMAN. Often called "Shoepeg" corn because of the long, narrow, pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with 2 to 5 big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Large pkt. (2 ozs.), 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

145. ★OLDS' EARLY EVERGREEN. An extra fine strain of Stowell's Evergreen with large ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

140 $\frac{1}{2}$. ★BLACK MEXICAN. One of the largest and sweetest of all varieties of sweet corn. Ears 8 to 10 inches long. Kernels white when in the eating state. The best second early for the home garden. Large pkt., 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

138 $\frac{1}{2}$. ★HOWLING MOB. This variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Very productive, ears nine to ten inches long, with sixteen rows. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

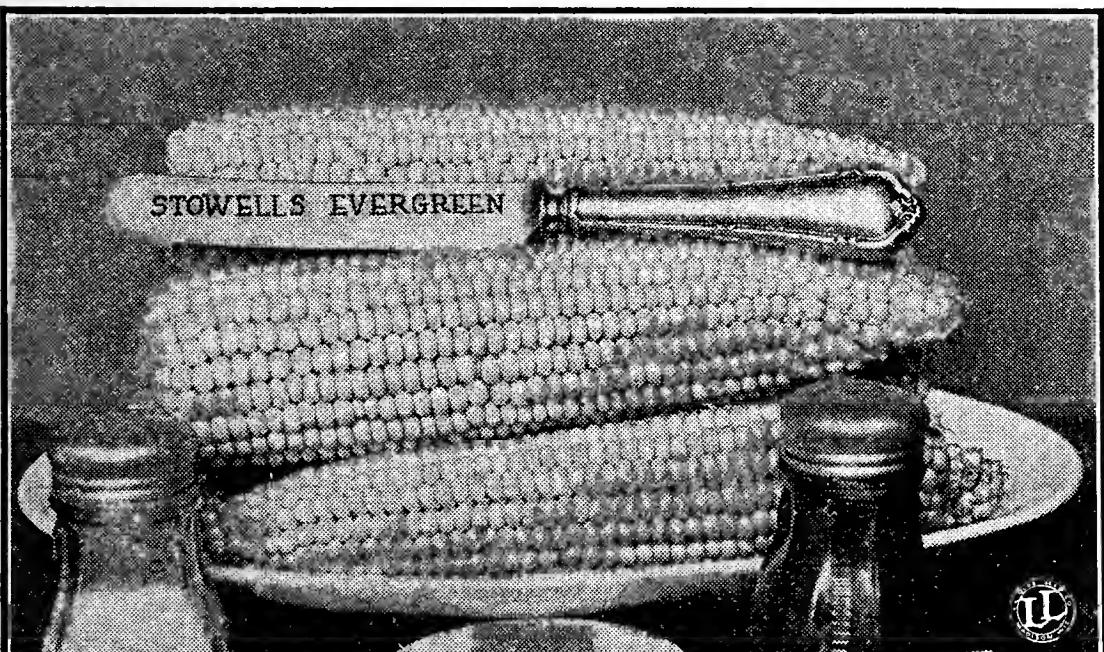


Early Champion.

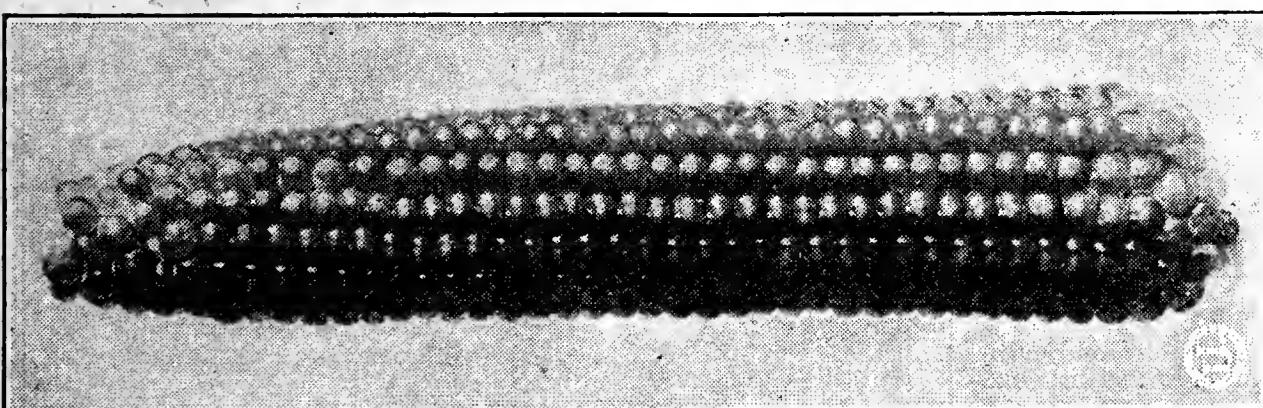
139. ★EARLY CHAMPION. One of the best main crop, second-early varieties. Stalks large and leafy; strong-growing and dependable. The ears are large, usually two on a stalk. Kernels are large and white and full of milk; 10 to 12 rows to the ear.

An all-around good sweet corn for either home or market garden. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

147. ★STOWELL'S EVERGREEN. The best known and most largely planted of all late varieties. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use; hence the name, Evergreen. Large pkt. (2 ozs.), 5c; $\frac{1}{2}$ lb., 14c; lb., 25c; 2 lbs., 45c; 5 lbs., 95c, postpaid.



OLDS' POP CORN



Olds' South American Mushroom Pop Corn.

154 $\frac{1}{2}$. ★TOM THUMB. Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hulless and when popped there is no hard center, making it the finest eating of all varieties. It is a favorite in all markets. Pkt., 6c; $\frac{1}{2}$ lb., 18c; lb., 32c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

150. WHITE RICE. The familiar shoepegged variety, several good sized ears to each stalk. Pkt., 5c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

153. SOUTH AMERICAN MUSHROOM. Sometimes called T. N. T. A new variety of pop corn. The largest pop corn we know of. See page 3 for complete description. Pkt., 7c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid.

151. QUEEN'S GOLDEN. Long yellow ears with flat round kernels. Ears produced in abundance and easy to husk. Pkt., 5c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.



Tom Thumb Pop Corn.

LITTLE KNOWN VEGETABLES

We offer on this page and the next vegetables which are little known but which should be in every garden. In the home garden, space can always be found for a few Egg Plants, some Brussels Sprouts, Kohl Rabi and so on. These vegetables are not usually available in the market but have a garden of your own and put in what you like.



Olds' Italian Green Sprouting Broccoli.

BROCCOLI.

97. OLDS' ITALIAN GREEN SPROUTING. Hardier and easier to grow than cauliflower. This new and distinct variety of Broccoli forms a plant with a large solid head, that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.60; lb., \$5.00.



CHICORY.

130 $\frac{1}{2}$. WITLOOF. (French Endive.) A delicious winter salad. Grown for its delicate shoots. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

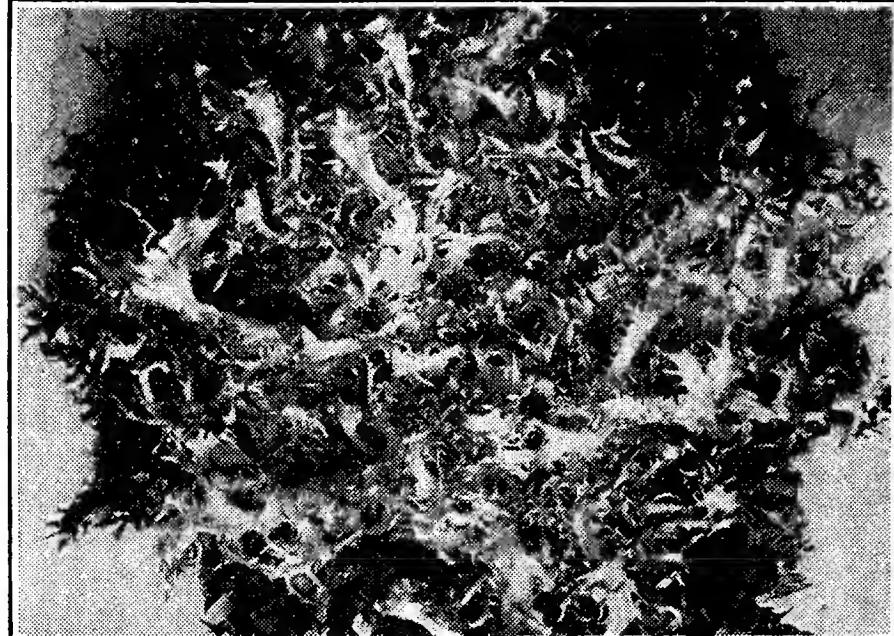
CRESS.

Used for salads and flavoring.

134. EXTRA CURLED. (Pepper Grass.) The best variety. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

CELERAIC (ROOT CELERY).

125. NEW GIANT PRAGUE. An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about 2 inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.



White Curled Endive.

ENDIVE.

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It can also be used for flavoring stews and soups.

185. GREEN CURLED. Dark green leaves; blanches white. Very attractive.

186. WHITE CURLED. Leaves finely cut and almost white. Fine for salad.

187. BROAD-LEAVED BATAVIAN. Leaves very broad. All varieties: Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; lb., \$1.10.

MUSTARD.

Used for greens and salads.

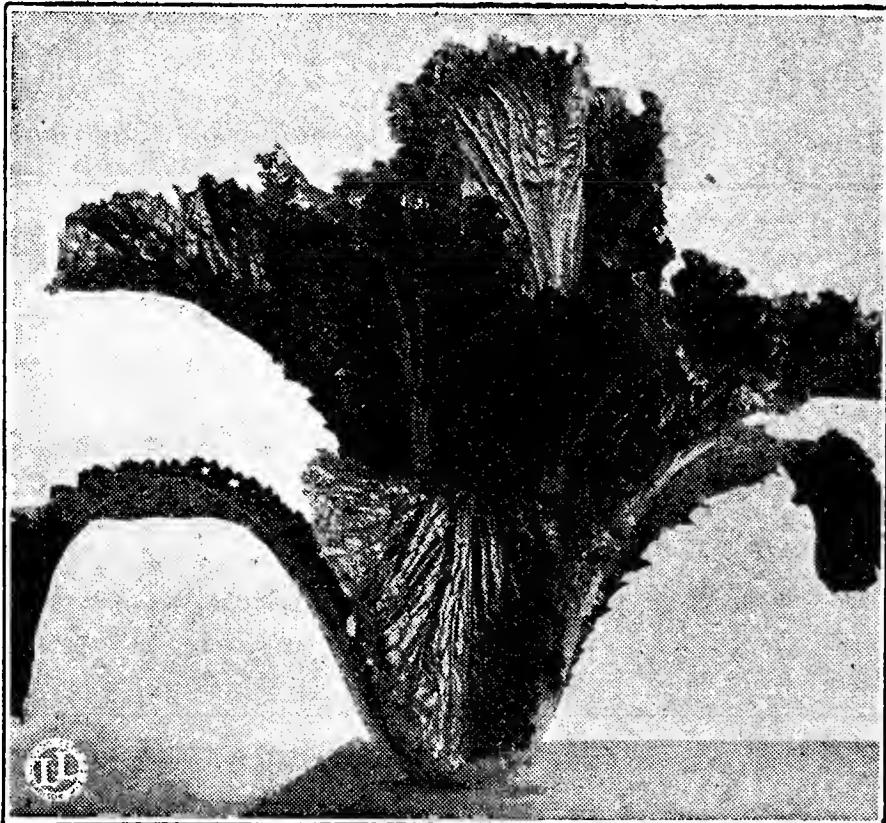
257. SOUTHERN GIANT CURLED. Most popular variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

259. MUSTARD SPINACH. Our new Japanese Mustard described fully on page 3 is grown mostly for greens and proclaimed by many to be superior to spinach. The hot weather spinach. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

OKRA.

The long pods are used in soups and salads.

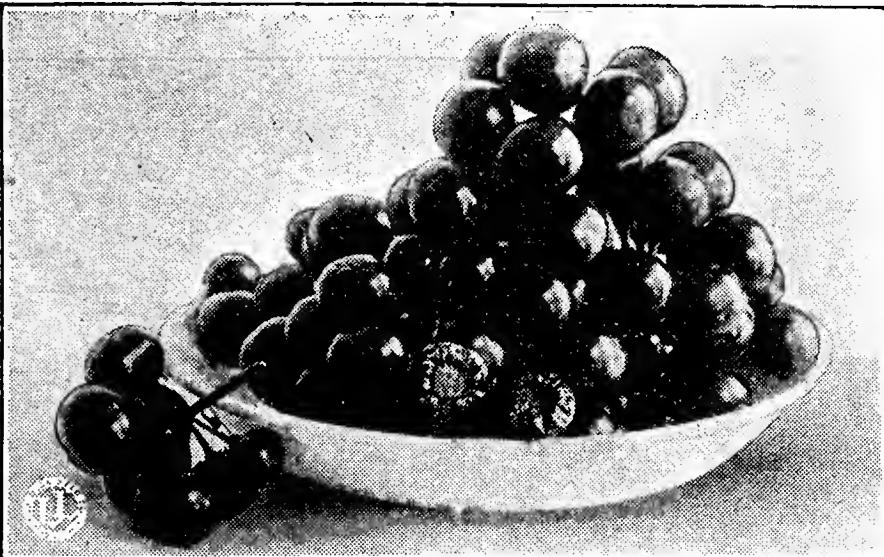
278. EARLY DWARF LONG POD. An early dwarf growing variety producing an abundance of long fruited, dark green, four-inch pointed pods. Seed of this variety can be planted in the open ground. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.



Chinese or Celery Cabbage.

83 $\frac{1}{2}$. CHINESE OR CELERY CABBAGE. (Chihli.) Earliest and surest heading Chinese Cabbage. This plant does not form a solid head like cabbage, but grows a long, loose head somewhat like Cos Lettuce. It is very mild and a real delicacy. Plant late July in rows and thin to about a foot apart. Pkt., 8c; $\frac{1}{2}$ oz., 16c; oz., 28c; $\frac{1}{4}$ lb., 90c; lb., \$2.75.

FOR EVERY GARDEN



Garden Huckleberry.

200. ★GARDEN HUCKLEBERRY — WONDERBERRY. A wonderful, prolific plant needing same culture as tomatoes. When ripe the berries are about one inch in diameter, of shining black color. They make delicious pies, preserves and jam. Fruit is non-edible when not fully ripened. Recipe for use on each packet. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c, postpaid.

GOURDS.

199. MIXED GOURDS. This mixture contains a very wide range of colors, shapes, and sizes. Pkt., 7c; oz., 18c; $\frac{1}{4}$ lb., 50c; \$1.75, postpaid.

193. HERCULES CLUB. Edible, ornamental, and useful. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.

KALE.

Kale is usually grown for greens and is also used here in the north as winter green feed for chickens.

201. DWARF CURLLED SCOTCH. Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



Early White Vienna Kohl Rabi.

KOHL RABI.

Kohl Rabi has a turnip and cabbage flavor. The bulb which is formed above the ground is cooked like turnips.

205. ★EARLY WHITE VIENNA. Probably the best early variety. Extremely early with small tops. Medium size, handsome, white bulbs. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

206. PURPLE VIENNA. A popular purple variety for table use. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

GARLIC.

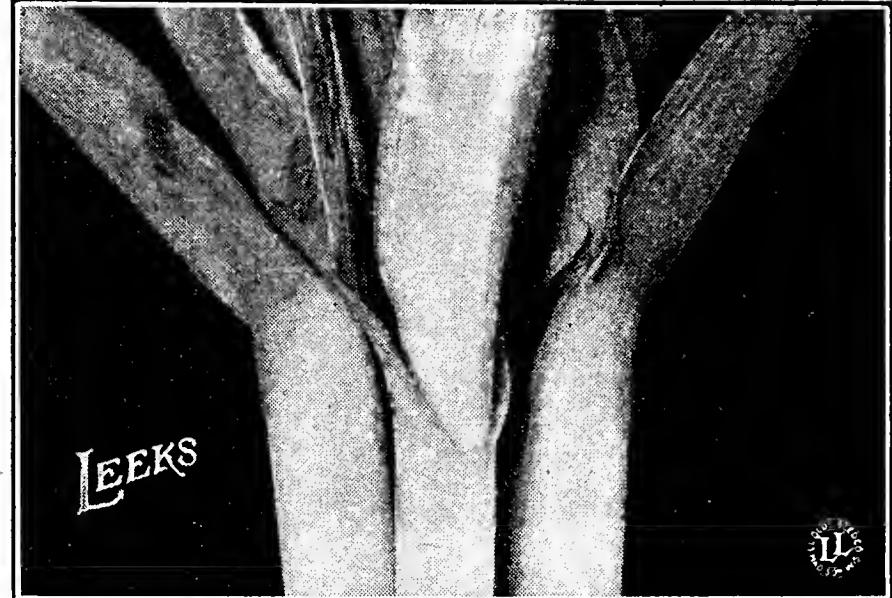
Garlic comes in bulbs only, which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, $\frac{1}{4}$ lb., 15c; lb., 40c; 2 lbs., 70c, postpaid.



Black Beauty Egg Plant.

397. MAMMOTH SANDWICH ISLAND. This is the best variety of Salsify; in fact the only one worth considering. The roots are long, smooth and straight. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

Recipe for use: Scrape the roots clean, cut up and boil in water. When cooked soft, (do not drain) add milk and flavoring, the same as for oysters.



LEEK.

Leeks belong to the onion family and are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. AMERICAN FLAG. Large, thick stems. Pkt., 8c; oz. 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.



Olds' New Danish Brussels Sprouts.

EGG PLANT.

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried.

181. ★BLACK BEAUTY. The best egg plant to grow for early market. Also the best for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; lb., \$4.50, postpaid.

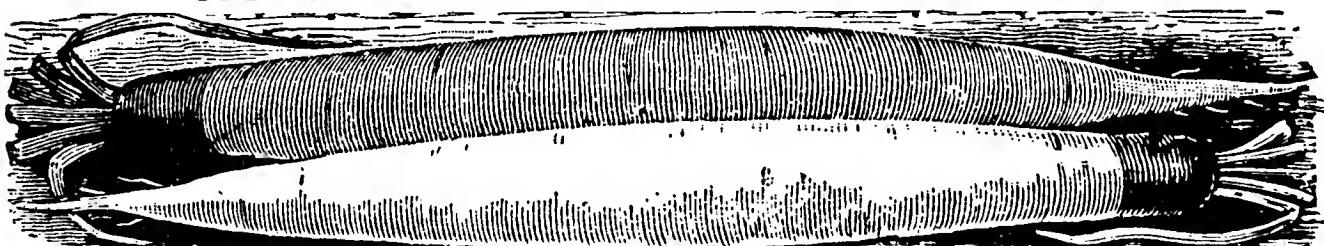
180. NEW YORK IMPROVED PURPLE. The favorite market variety. Plant is large and spreading. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; lb., \$4.50, postpaid.

BRUSSELS SPROUTS.

Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage.

65. OLD'S NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts are fine and solid the entire length. Pkt., 7c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50, postpaid.

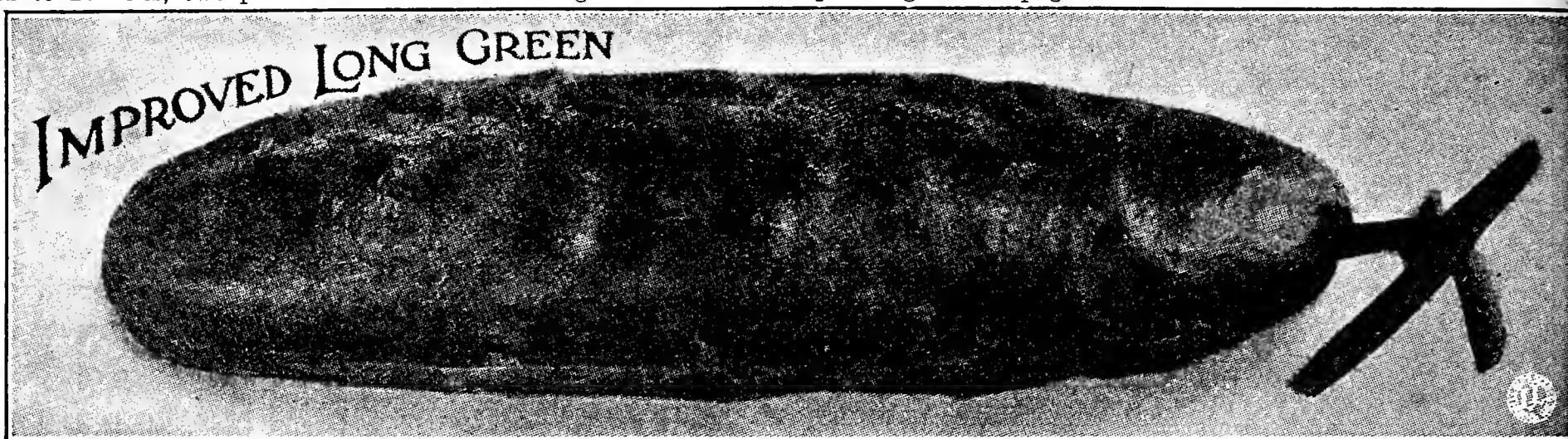
SALSIFY OR VEGETABLE OYSTER



Mammoth Sandwich Island Salsify.

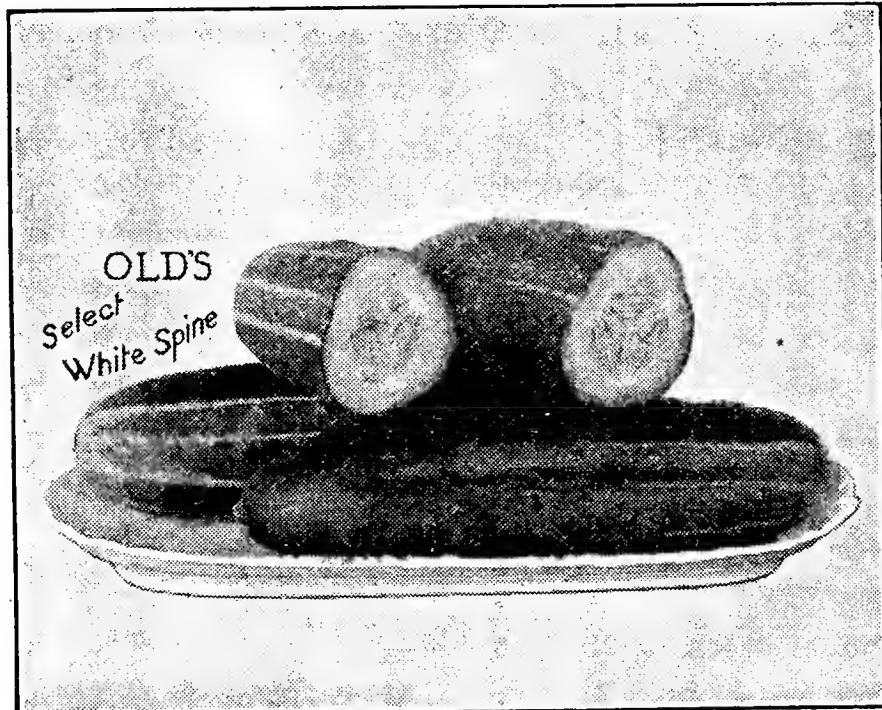
OLDS' CUCUMBERS

CULTURE: Plant in hills 4 feet apart, as soon as the weather is favorable, sowing 8 to 12 seeds to a hill and covering about one inch deep. When the fourth leaf appears thin to 3 plants to the hill. A packet will plant 12 to 15 hills, two pounds one acre. Use Slug Shot for the striped bugs. See page 93.

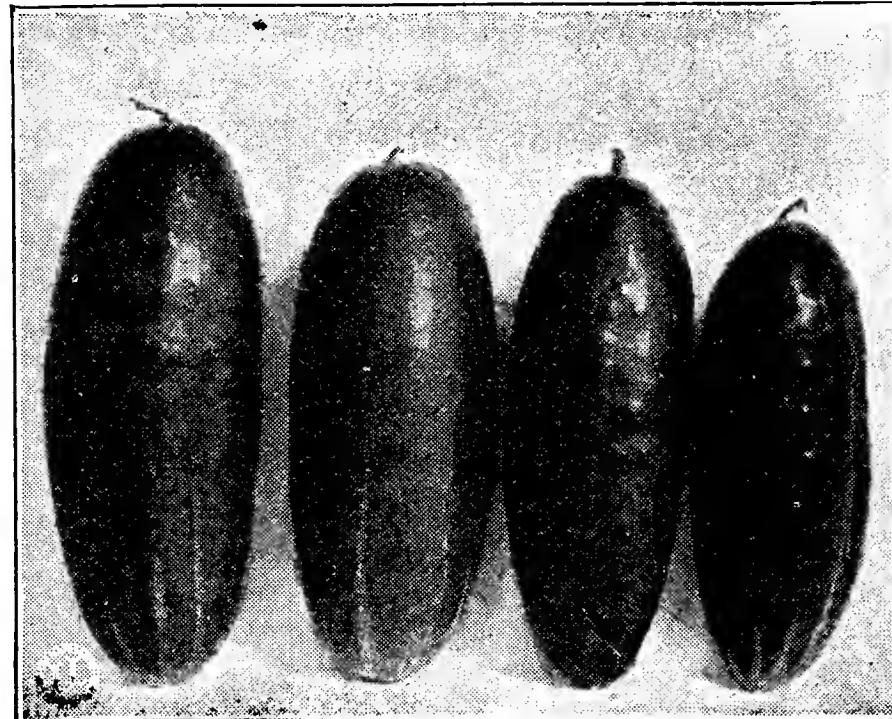


165. **OLDS' IMPROVED LONG GREEN.** A standard main crop, table and pickling variety. One of our largest sellers. Vines vigorous and productive. Fruits are 12 to 14 inches long, firm and crisp. Color deep green, flesh white and firm. Pkt., 8c; oz., 17c; $\frac{1}{4}$ lb., 40c; lb., \$1.20; postpaid.

156. **EARLY GREEN CLUSTER.** A small variety, about 6 inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.



164. **OLDS' SELECT WHITE SPINE.** We think this is the best White Spine; no other variety excels it in quality. A very select strain, almost cylindrical in shape, very productive. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.25, postpaid.



Stays Green.

157. **STAYS GREEN CUCUMBER.** A popular early, dark green cucumber grown extensively in the South for Northern markets. It is a white spine variety; fruits symmetrical, nearly square ended, averaging 8x3 inches in size. Stays Green holds its deep green color longer than any other cucumber. The flesh is clear white, crisp and solid and contains very few seeds. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 95c, postpaid.

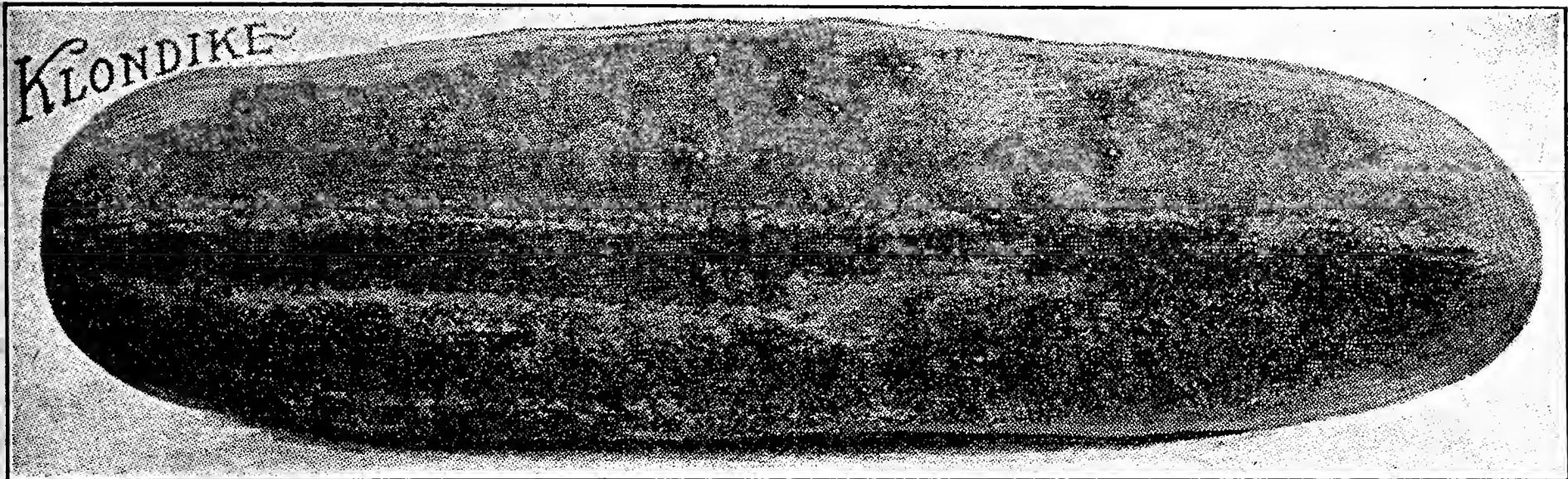


160 $\frac{1}{2}$. **★OLDS' EARLY FORTUNE.** Generally considered the finest type of all the White Spine varieties of cucumber. We call it one of the best cucumbers ever introduced; very productive and disease resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. A leading market variety and also splendid for the home garden. Pkt., 8c; oz., 25c; $\frac{1}{4}$ lb., 38c; lb., \$1.10, postpaid.

"Have used your seeds for some years and have always found them what you claim. I use no other seeds, always have a successful garden, even in last year's drouth."—W. H. Campbell, Wis.

"We have used your Dollar Collection for several years. It sure is fine. Enough seed in it for our complete garden."—Mrs. Emma Peterson, Ind.

OLDS' CUCUMBERS



162½. **KLONDIKE.** A white spine variety, excellent for shipping. Medium early, dark green, about 7 inches long. The fruits are thick at the stem end, very attractive in appearance, retaining color and crispness a long time. A wonderful keeper. Pkt., 5c; oz., 12c; ¼ lb., 30c; lb., 80c, postpaid.



169. **★DAVIS PERFECT.** White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Of a deep green color when in the slicing stage; medium late. Pkt., 8c; oz., 17c; ¼ lb., 40c; lb., \$1.20, postpaid.

159½. **OLDS' EARLIEST WHITE SPINE.** The earliest White Spine. It is, in fact, probably the earliest of all large cucumbers, being fully ten days ahead of the other big ones. Uniform, smooth, handsome in appearance. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., 95c; 2 lbs., \$1.80, postpaid.

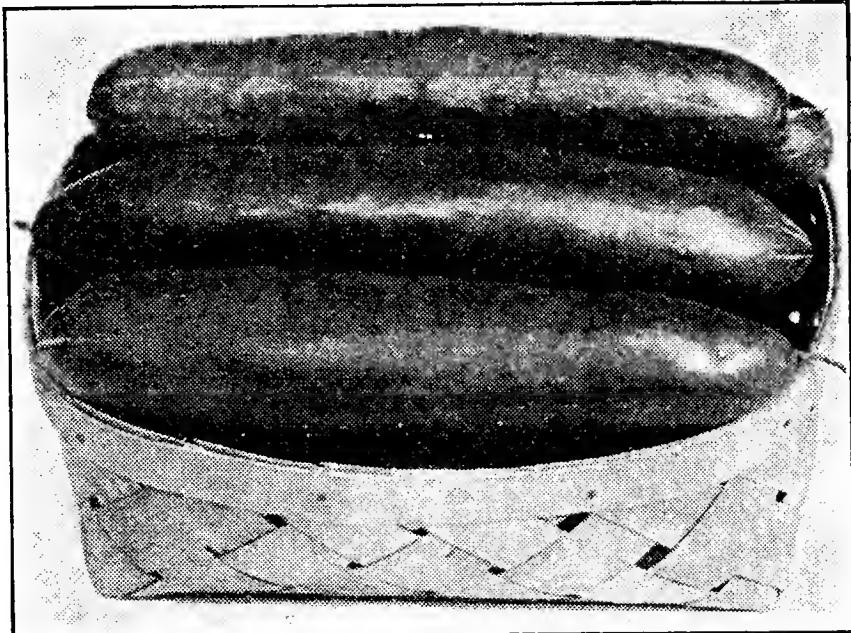


158. **★OLDS' IMPROVED CHICAGO PICKLING.** Our best seller of all cucumbers. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. An excellent pickling variety. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., 95c, postpaid.

168. **★EARLY RUSSIAN.** The earliest cucumber in cultivation. This variety can be picked early for bottle cucumbers or allowed to grow just a few days longer for first early slicers. It is very even, smooth, tender, crisp and is hardy and free from disease. Pkt., 5c; oz., 12c; ¼ lb., 30c; lb., 80c, postpaid.

171. **WHITE WONDER.** A new snow-white cucumber. Fine for salads. See page 2. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

170. **JAPANESE CLIMBING.** A distinct variety used to cover trellises, fences, etc. When in the slicing stage color is splendid deep green. A very hardy, vigorous-growing cucumber of good quality. Length 9 inches. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postpaid.



Olds' Longfellow Cucumber.

172. **OLDS' LONGFELLOW.** The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. The color is dark green and will remain so until ripe. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.75, postpaid.

DEPENDABLE SEED POTATOES

Do not overlook our Seed Potatoes offered on pages 85 to 87. We have long made a specialty of choice dependable stock of the leading varieties. Most of it is "Certified Stock."

"Your seed is just wonderful. Every seed came up. Can't buy any better seed than yours." Mrs. Floyd Whitman, Washington.

"My soil is badly infected with yellow rot. My success with cabbage all depends on your Yellows Resistant Seed." Wesley George, Iowa.

OLDS' LETTUCE

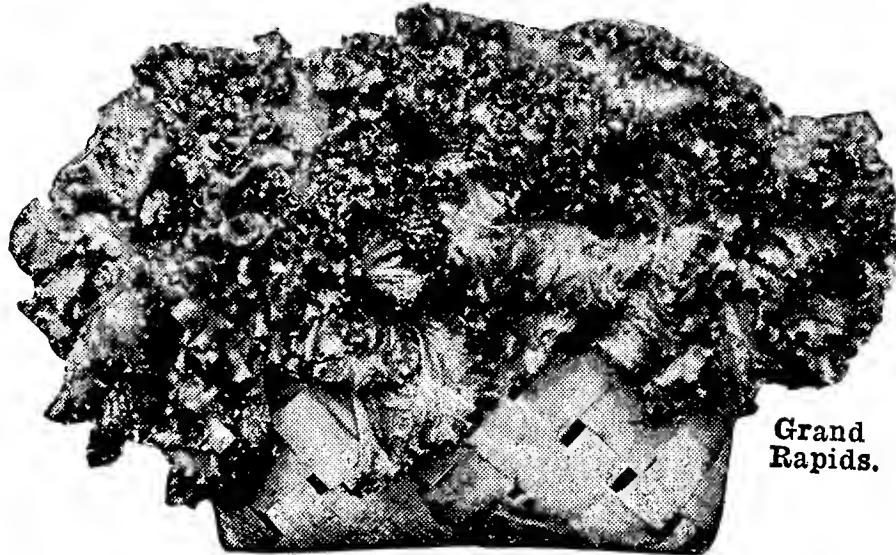
Lettuce is one of the easiest to grow of all garden vegetables. Everyone should sow some. Lettuce is rich in all the vitamins and also contains iron. It is one of the most important leafy vegetables.

CULTURE: A light rich soil is best for this vegetable but it will do well on practically any good garden soil. The best lettuce will be had by keeping the crop growing rapidly. Leaf lettuce should be planted in the open ground as soon as it can be worked. Sow in rows and thin to a distance that will allow proper growth. Head lettuce should be started either in cold frames and transplanted in the open or sown in about the same manner as the loose leaf. The plants should be thinned to about 12 inches apart.

It is necessary to have cool weather for lettuce to head up well and the earlier the plants can be started in the field the surer you are of a crop. Head lettuce can be again planted in the fall and will head up well during the cool fall days.

Lettuce is an exceptionally good green food for chicks and the plants that are thinned out should be used for that purpose. Our packets each contain enough seed to sow 25 or 30 feet. Three pounds will sow an acre. Those marked with a star are varieties which we especially recommend. Ask for our leaflet on lettuce culture. If you are in the market for large quantities of seed consult our Market Gardeners' Price List on pages 5 and 6.

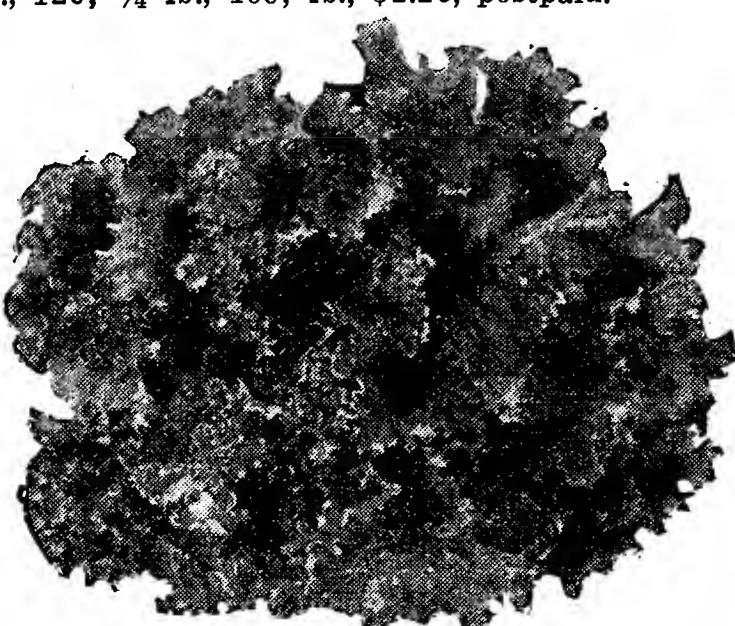
LOOSE-LEAF VARIETIES



Grand
Rapids.



215. ★**GRAND RAPIDS.** (Olds' Earliest Forcing.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid, upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.20, postpaid.



Black-Seeded Simpson Lettuce.



219. **OLDS' BLACK-SEEDED SIMPSON.** Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Our favorite lettuce of all the varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.10, postpaid.



221. ★**OLDS' OAKLEAF LETTUCE.** A distinct type of lettuce and one of our specials. Olds' Oakleaf Lettuce forms a close center, but with rather loose outside leaves; medium size and medium green. The leaves are deeply lobed and the middle lobe is long like a finger giving the plant a peculiar appearance. The quality is excellent. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

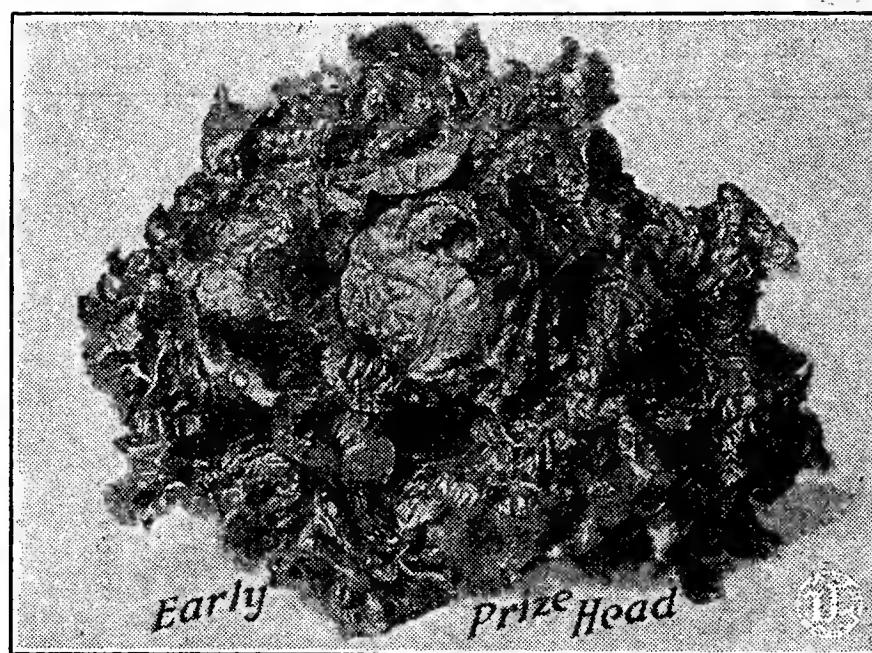
230. **CHICKEN LETTUCE.** A medium green, loose curly leaf lettuce that grows tall. Leaves are thick with straight edges. The largest lettuce in cultivation, especially at maturity when it begins to seed. Used for feeding pets, chickens, and also for pickling. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25, postpaid.

"Have used your garden seeds for ten years and I think they are the best I can obtain."—Lawrence Gundy, Mich.



Paris White Cos.

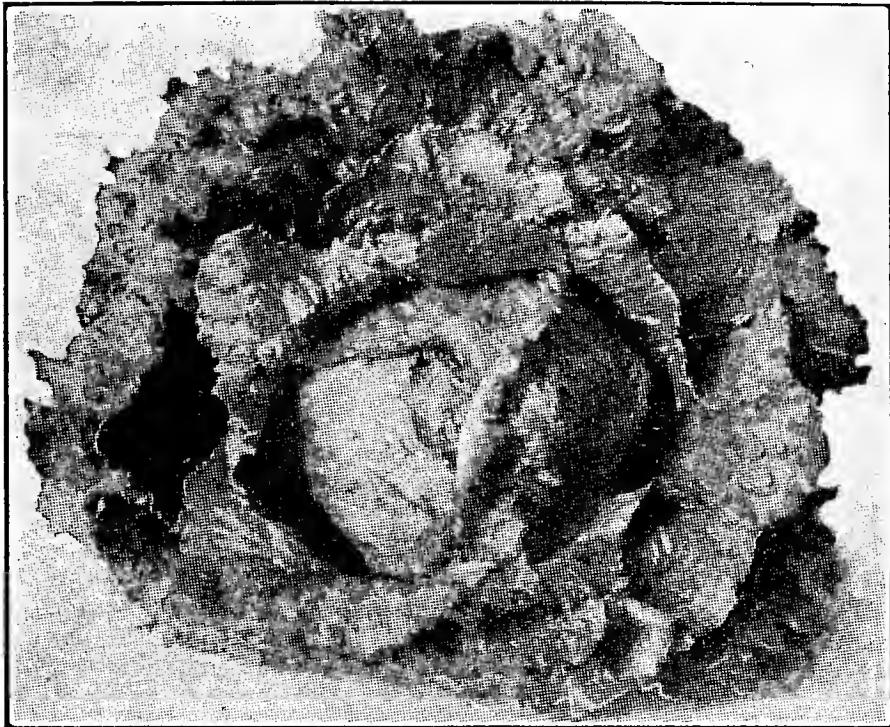
231. **PARIS WHITE COS.** The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads which are self-blanching. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 8c; oz., 17c; $\frac{1}{4}$ lb., 45c; lb., \$1.35, postpaid.



220. ★**EARLY PRIZEHEAD.** One of the best known and most popular varieties in America. It is not a head lettuce but a curled, crisp, loose-leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.10, postpaid.

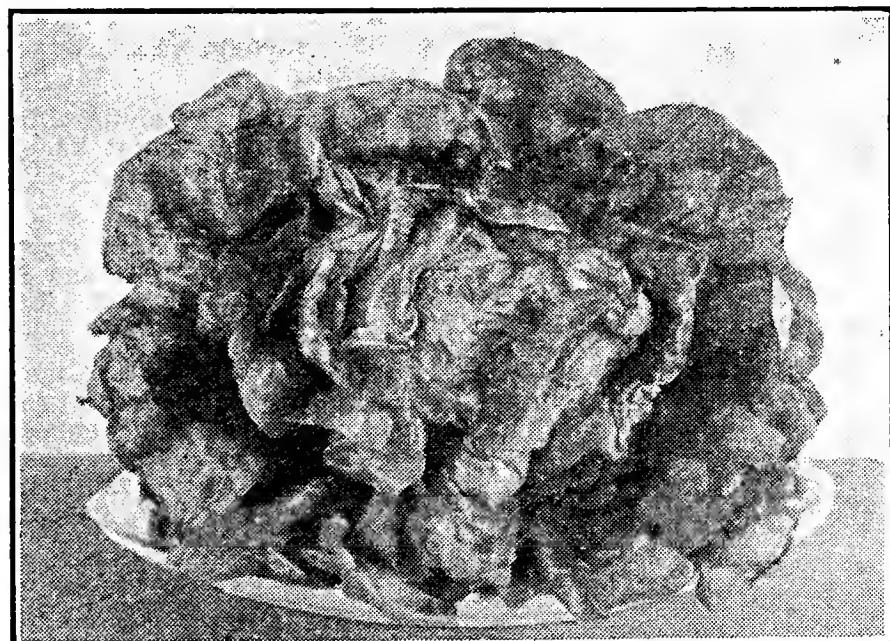
"We have used the Dollar Collection for several years and find it a good selection for family use and canning vegetables."—Fred M. Sears, Wis.

OLDS' LETTUCE HEAD VARIETIES



New York No. 12 or Wonderful.

218. **★NEW YORK NO. 12 OR WONDERFUL.** The largest head lettuce of all and the most popular. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Ready for market in 60 to 65 days from planting. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.



May King Lettuce.

227. **★MAY KING.** A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best extra early-heading varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.10.



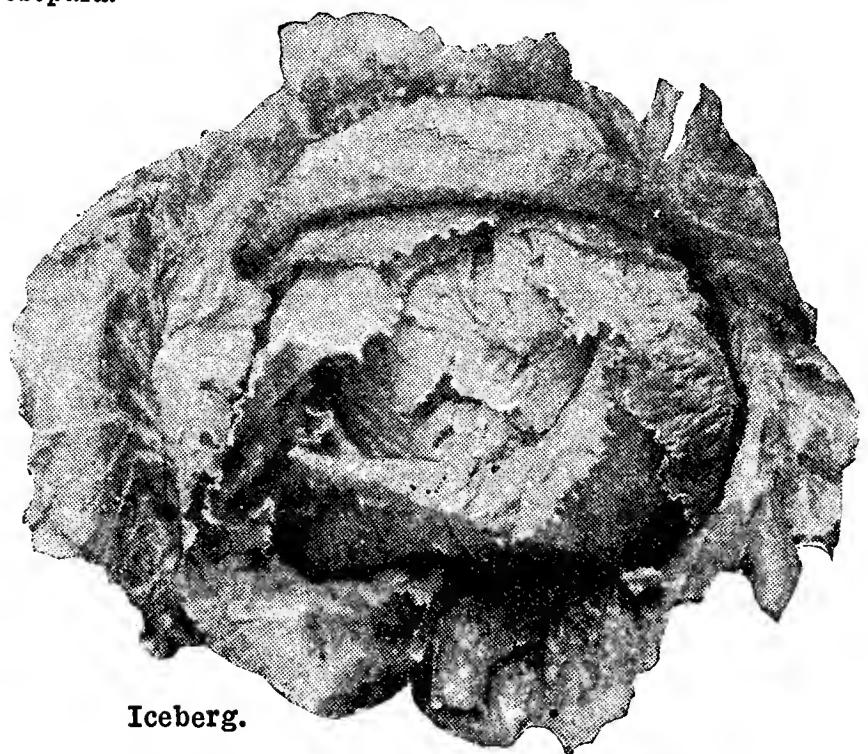
Big Boston.

222. **★BIG BOSTON.** A popular head lettuce. One of the most largely grown varieties in cultivation; early, hardy, with brittle head tending to a golden yellow. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.20, postpaid.



232. **★OLDS' WAYAHEAD.** In our trials Wayahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery yellow. Tender, brittle and sweet. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.20, postpaid.

217. **HANSON'S IMPROVED.** The old reliable sure heading variety. Hardy, globular, large and light colored. Leaves fairly large, blistered and crumpled. Color light green. Quality good. This variety will withstand the hot season better than most sorts and is a slow seeder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.10, postpaid.



Iceberg.

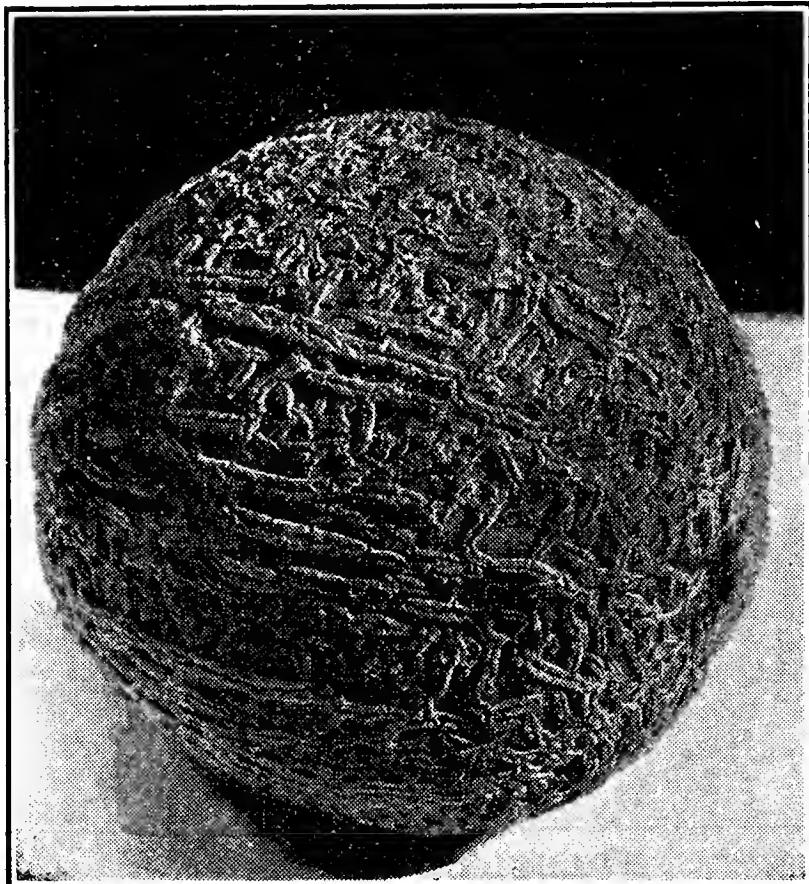
216. **★ICEBERG.** A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.20, postpaid.

234. **OLDS' LETTUCE MIXTURE.** Consists of a splendid assortment and contains early, second early and late lettuce; loose-leaf, semi-heading and head lettuce; smooth leaf, curly leaf and notched leaf lettuce; leaves of light green, medium green, dark green and reddish-brown. Pkt., 4c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.

OLDS' MUSKMELONS

Our muskmelon seed is all northern grown. This means earliness in ripening. Early crops bring the best prices. Bear this in mind when placing your order for seeds.

CULTURE: Muskmelons like a warm, rich soil, preferably sandy. Plant in the open ground as soon as the weather is warm. Plant seed in hills 4 to 6 feet apart each way and 8 to 10 seeds in a hill. After the danger of insects is over thin to 3 plants to a hill. Fertilizer worked into the soil is a great help. We recommend Vigoro or 4-8-6. See page 92. Muskmelons can be started in paper pots and transplanted to the open field. In this way you gain 2 to 3 weeks in earliness. One packet of seed will plant 10 to 15 hills; 2 to 3 pounds an acre.



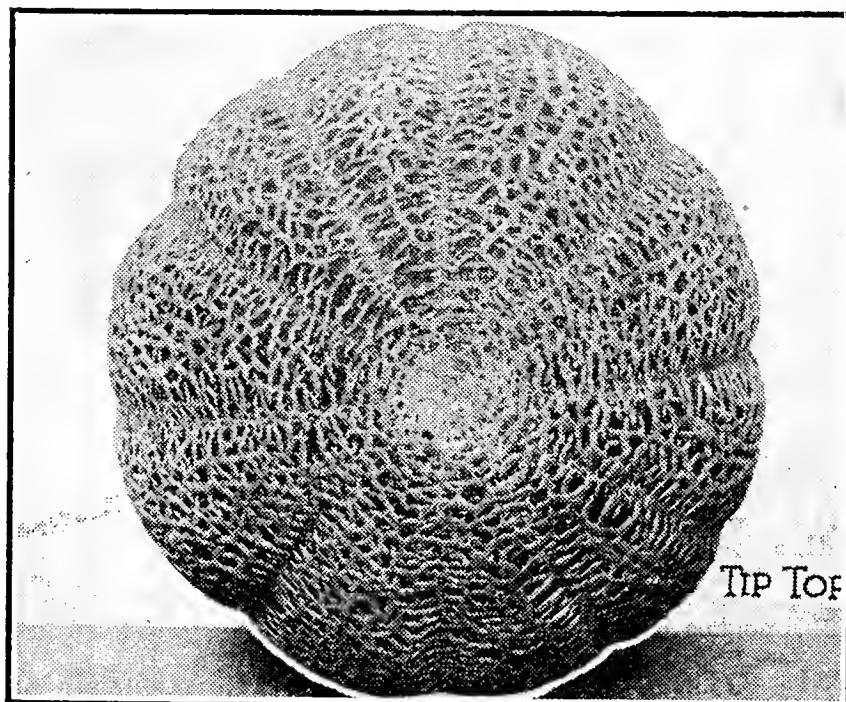
Olds' Honey or Sugar Rock.

251. ★OLDS' HONEY OR SUGAR ROCK. Our 1930 introduction. This melon has four outstanding characteristics—quality, productiveness, ability to stand shipping and striking appearance. It has won its way by its outstanding sweetness.

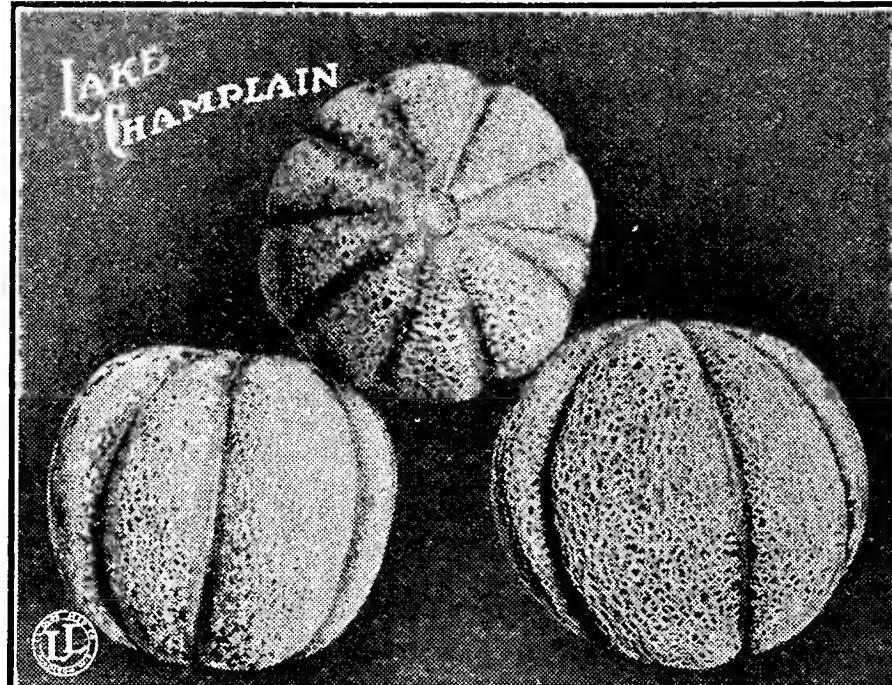
The Honey or Sugar Rock has a deep orange flesh and a flavor different from other sorts. It cannot be appreciated without being tasted. The fruits are oval and medium in size, not ribbed. Matures in about 85 days from seed. This melon is not as large as the Milwaukee Market but is sweeter. Pkt., 10c; oz., 15c; 1/4 lb., 45c; 1lb., \$1.40, postpaid.

236. EXTRA EARLY HACKENSACK. An early selection from the old Hackensack and one of the most popular of the extra early green-fleshed varieties. Excellent quality. Pkt., 3c; oz., 10c; 1/4 lb., 30c; 1lb., 90c.

246. POLLOCK NO. 10-25. A new type of Rocky Ford grown largely now not only in the Rocky Ford district as a commercial melon but by home gardeners and market gardeners where a small, salmon-tinted melon is desired. Pkt., 3c; oz., 9c; 1/4 lb., 23c; 1lb., 80c, postpaid.



254. TIP TOP. Tip Top in quality, appearance and productiveness. Skin pale green ribbed and lightly netted. Flesh deep salmon, sweet and spicy, fine flavored and eatable to the rind. Pkt., 7c; oz., 15c; 1/4 lb., 40c; 1lb., \$1.25, postpaid.

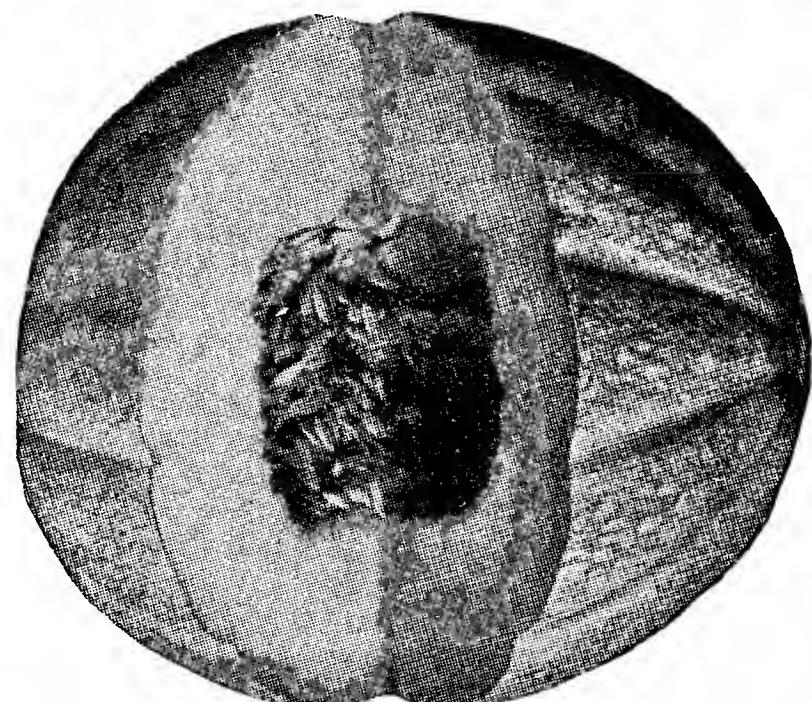


235. ★LAKE CHAMPLAIN. The extra early melon. On our trial grounds, the earliest in fact of all varieties. Lake Champlain is a round to oval melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. A very fine extra early quality melon for the home garden. Pkt., 8c; oz., 15c; 1/4 lb., 40c; 1lb., \$1.20, postpaid.

243. BENDER'S SURPRISE. A delicious, large, salmon fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Pkt., 7c; oz., 15c; 1/4 lb., 40c; 1lb., \$1.20, postpaid.

253. HONEY DEW. A distinct melon of the Casaba type. Smooth-skinned, of a light cream color. Melons 8 to 10 inches in diameter. Flesh green and very sweet. Late. Pkt., 7c; oz., 15c; 1/4 lb., 45c; 1lb., \$1.40, postpaid.

238. ★EMERALD GEM. A splendid early melon for the kitchen garden or nearby market, but not a shipper. It is a small, smooth-skinned variety, flattened at the ends. The flesh is pink, very sweet and highly flavored and the fruits of convenient size with a small seed cavity. Pkt., 7c; oz., 12c; 1/4 lb., 33c; 1lb., 95c, postpaid.

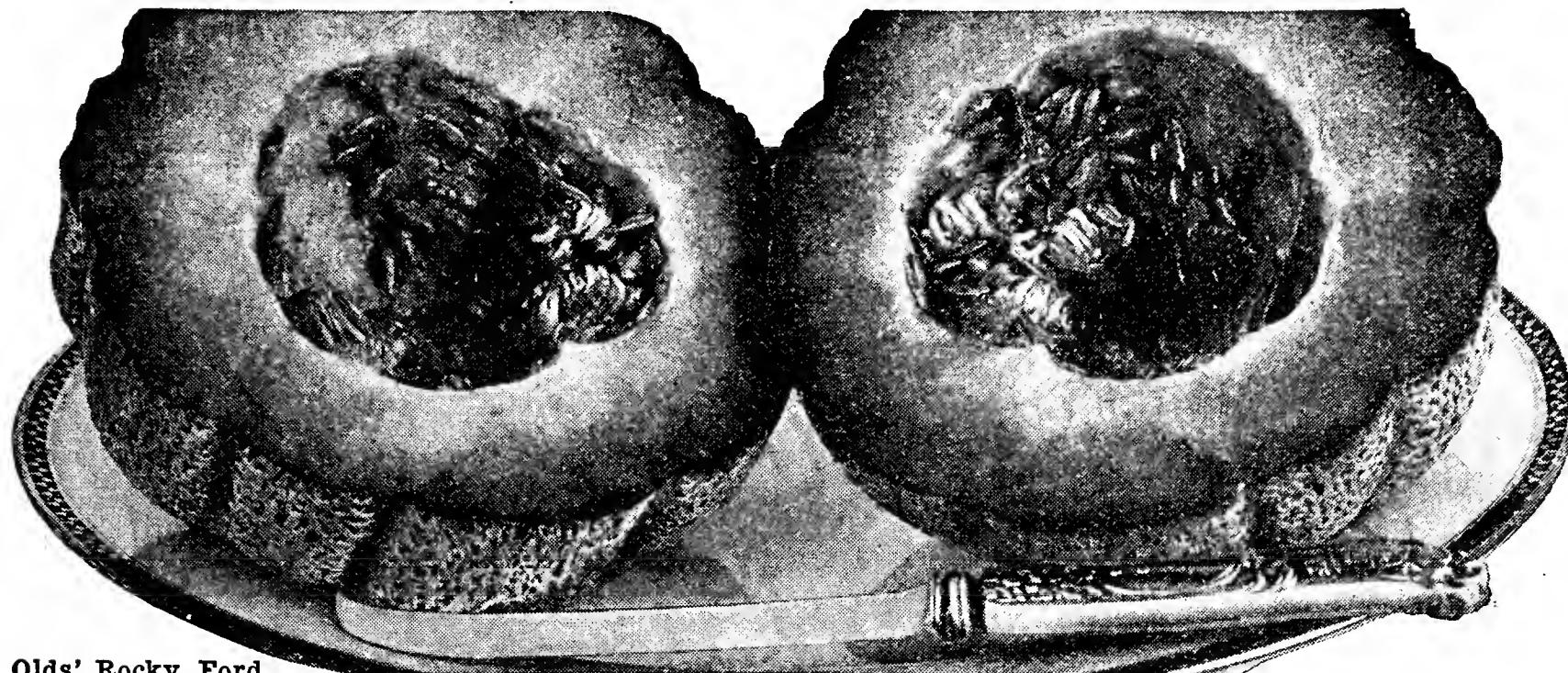


Milwaukee Market.

241 1/2. ★MILWAUKEE MARKET. One of the best melons for both market and home garden. Prolific, vigorous in growth and delicious in flavor. This new melon is now more largely grown, in this section at least, than any other variety. The skin is light green, fruits nearly round with a small seed cavity. Flesh a deep salmon color, thick, firm and solid. Our largest seller. Pkt., 7c; oz., 15c; 1/4 lb., 40c; 1lb., \$1.25, postpaid.

241. SPECIAL STOCK HAND CUT MILWAUKEE MARKET. Select stock for critical Market, Gardeners. Pkt., 12c; oz., 20c; 1/4 lb., 55c; 1lb., \$1.75.

OLDS' MUSKMELONS



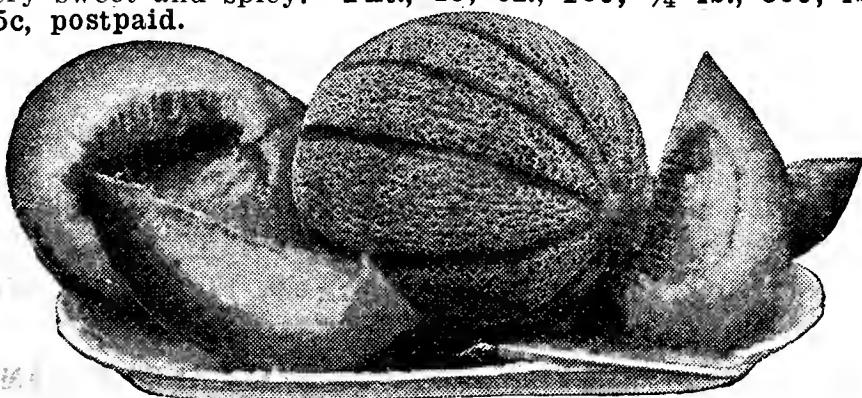
Olds' Rocky Ford.

244. OLDS' ROCKY FORD. Just the right size to serve in halves. It is medium early with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green, of the finest quality; good shipper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 85c, postpaid.

248 1/2. BANANA. A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana. 14 inches in length and 4 inches in diameter. It is banana colored, pink-fleshed and of fair quality. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.40, postpaid.

247. HEARTS OF GOLD. (Improved Hoodoo.) One of the finest types of the early, small salmon fleshed melons. The melons are round, weighing about $1\frac{1}{2}$ pounds each; lightly ribbed with a fine grey netting; flesh sweet, very thick, deep salmon color; seed cavity, very small. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25, postpaid.

242. BURRELL'S GEM. A commercial melon of the Netted Gem type. Second to Rocky Ford for long distance shipping. Well netted. Flesh, salmon colored, very sweet and spicy. Pkt., 4c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 95c, postpaid.



Early Knight.

237. EARLY KNIGHT. (Sweet Air.) Extremely popular with eastern growers. It is a happy combination of earliness, productiveness and quality. The melons are nearly oval in shape; densely netted; of good size, with thick, medium green flesh that is very luscious. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25, postpaid.

247 1/2. GOLD LINED ROCKY FORD. A splendid type of the green-fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. Very thick-fleshed, spicy and sweet. Nearly round and completely covered with netting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00, postpaid.



239. OLDS' SELECT OSAGE. An oval shaped, salmon fleshed melon, unusually thick-meated, and spicy. The Osage has a reputation for quality ahead of all other varieties. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25, postpaid.

240 1/2. EXTRA EARLY OSAGE. A week earlier than Osage, the standard high quality melon for home use. Salmon-fleshed, spicy. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.40, postpaid.

SEMESAN

Semesan Controls Disease and Increases Yield

"From a total planting on a number of farms of 150 acres of Semesan-treated stringless bean seed, we had a remarkably fine stand and the largest crop of our experience. In many plots the Semesan-treated seed yielded as much as twenty bushels more per acre than the untreated." R. W. Vane Packing Co., of Delaware.

Semesan Increases Germination

The New York Agricultural Experiment Station, reporting its results in Bulletin No. 554, with Semesan treatment of vegetable seeds, says that: "The outstanding features of the results were the startling stand increases from seed treatment in the earliest sowings, or, in other words, the sowings made when conditions for rapid germination were poorest."

Semesan is valuable for disinfection of most vegetable crop seeds. It is harmless to the seed, easily applied and the cost is very slight, $\frac{1}{4}$ cent to one cent per pound.

It is recommended also for flower seeds, gladiolus and dahlia bulbs and rose bushes as well as for vegetable seeds.

Prices: Not mailable, 2 oz. size, 50c; 1 lb. size, \$2.50; 5 lb. size, \$11.75; 25 lb. size, \$46.25.

(Ask for 16 page folder "Semesan, A Disinfectant for Vegetable Seeds.")

Untreated
Check

Semesan
Treated

Semesan dusted cantaloupe seed germinated 91.0%, untreated seed only 26.0%.

OLDS' WATERMELONS

Our Watermelon seed is all northern grown. This seed is much better for planting in the north than southern grown. Each packet contains seed enough for 8 to 12 hills. Four to five pounds will plant an acre. Do not plant too early and plant in sandy soil if you have it. It pays well to use fertilizer for melons.

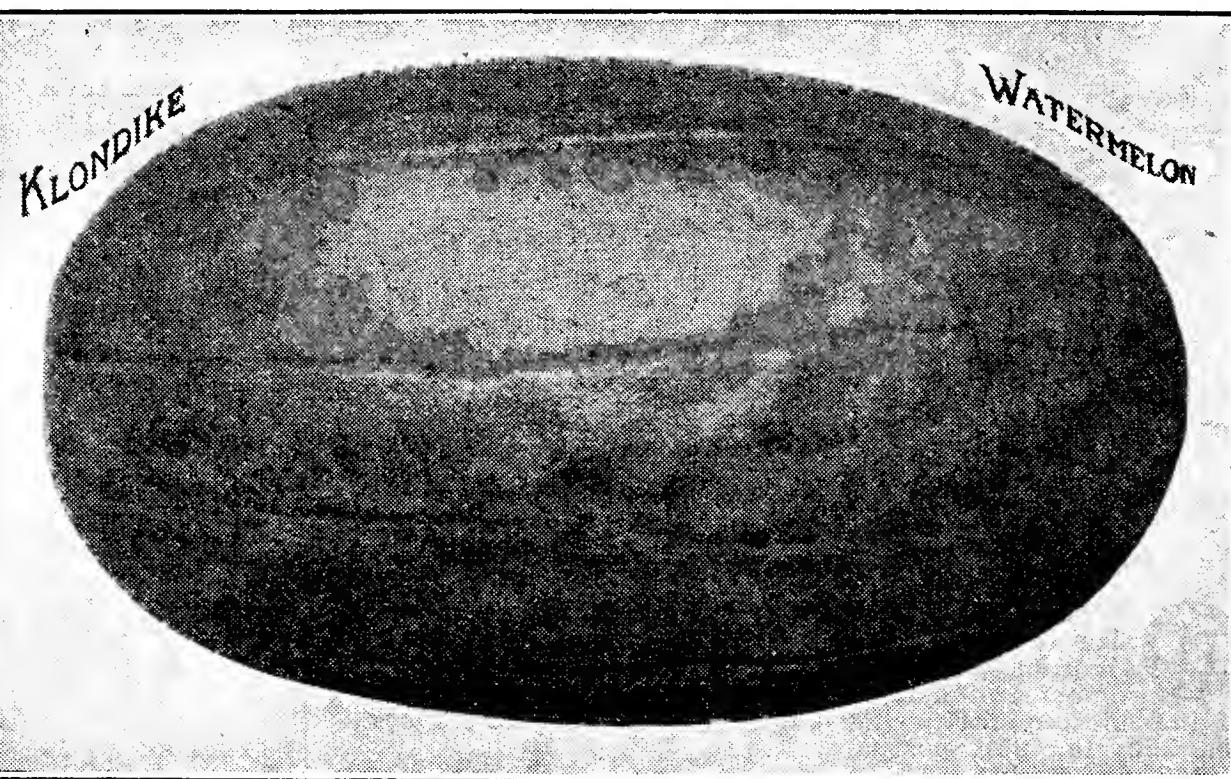
CULTURE: Plant in hills 8 to 10 feet apart each way. When the danger of insects is over thin to 3 strong plants to a hill. Use Slug Shot to kill insects. See page 93. For larger amounts than quoted see our Market Gardeners' Price List, pages 5 and 6.

261. SWEETHEART. One of the most popular and one of the very best. A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. Black seeds. A very popular variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

270 1/2. KLONDIKE. (Black Seeded.) We have discarded the old stock of Klondike for the new black seeded type. This is, we think, way ahead of the old strain. We consider Klondike the best early melon and the very sweetest of all melons. The rind is dark green, shape long; very symmetrical; flesh distinct shade of red. It is very sweet, crisp and tender. Ripens very early and is a heavy yielder. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.30, postpaid.

"I believe Klondike is the best melon there is."

George Reed, Jr., Nebraska.

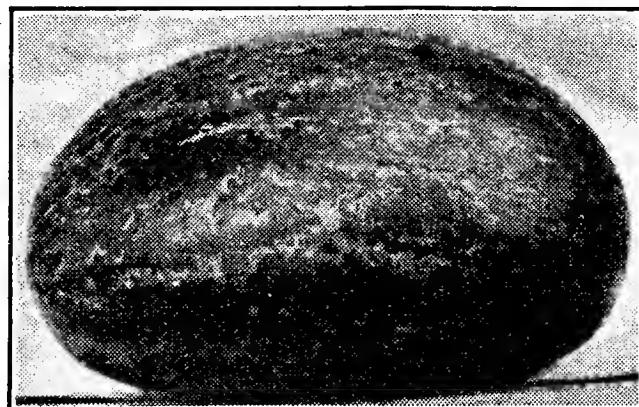


The Sweetest and Best Melon for the North.

264. ★OLDS' SWEETEST AND EARLIEST. This melon is the sweetest and earliest of all. The size is medium and does not exceed more than 15 pounds in weight. Flesh scarlet, of

extra fineness and sweetness and entirely free from stringiness. We do not recommend it for commercial planting, however, as it is most too small. For the home garden and where the season is short it cannot be beat. The rind is mottled with several shades of green and the seeds are white.

Olds' Sweetest and Earliest.



Ripe melons in 65 days from planting. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



Halbert Honey.

273. ★HALBERT HONEY. An excellent, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping but desirable for the garden. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



Kleckley's Sweet.

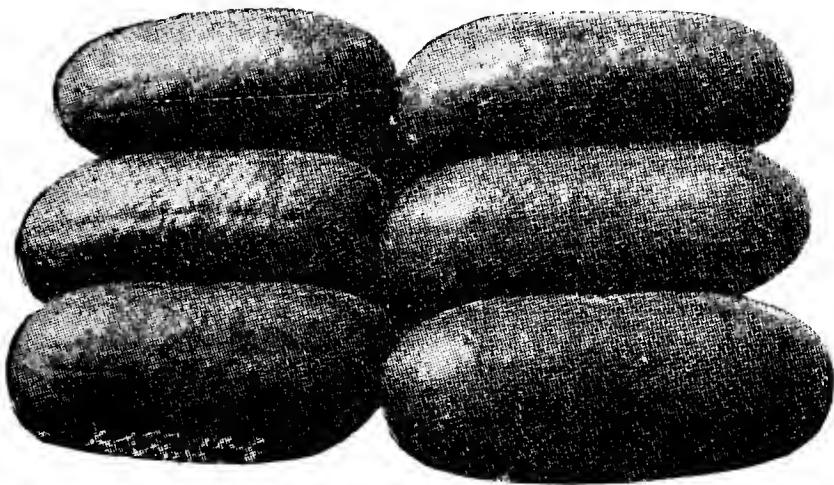
270. ★KLECKLEY'S SWEET. (Monte Cristo.) Our best seller of the whole list of watermelons. A fine, well known, medium early variety. It is a medium sized, dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. A wonderfully satisfactory variety for home gardens and nearby markets. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 85c.



260. OLD'S STONE MOUNTAIN. A very popular melon in the South where it originated and one of the finest we have ever eaten. This melon is very large, round or blocky in shape. The flesh is rich scarlet, very sweet, with few seeds. The seeds are white. A prolific melon but not recommended for shipping long distances. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

263. FORDHOOK EARLY. An extremely early variety and the earliest in fact of all large melons. Perhaps no other variety is so well adapted to the home garden, for it may be planted in hills as close as 6 feet each way. Its value to the home gardener in the North is, however, largely in its earliness. The melons are of good size and nearly round; the skin is dark green with occasional stripes of lighter green. The rind is thin; flesh, bright red, crisp, and remarkably sweet. Seeds white. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

OLDS' WATERMELONS

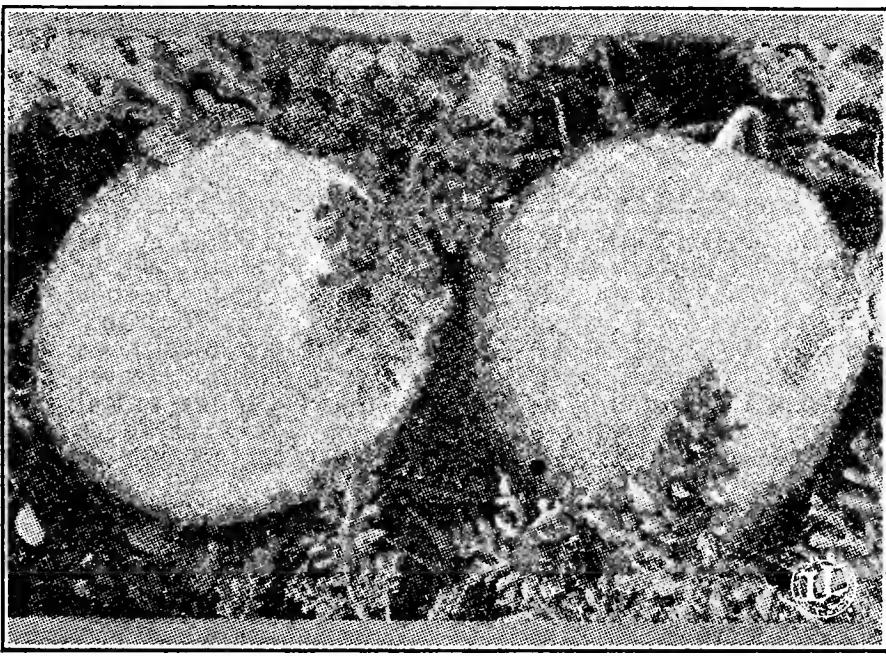


Tom Watson.

271½. **TOM WATSON.** The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Seeds brown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

272½. **GOLDEN HONEY.** The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and handsome appearance. The skin is green with irregular stripes of darker green. No hard core or stringy sections. Pkt., 8c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

275. **CITRON.** Colorado Preserving. Perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 85c, postpaid.



Olds' Winter Melon.

276½. **OLDS' WINTER.** This melon is early, very prolific, almost round; color, light green. The flesh is red, sweet; almost as hard as a citron. If properly stored will keep for months. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

480. **ANISE.** The leaves of this herb are finely fringed; used in garnishing and flavoring. Pkt., 7c; oz., 15c, postpaid.

481. **BALM.** The leaves are very fragrant; used to flavor summer drinks. A perennial herb. Pkt., 10c; oz., 50c, postpaid.

482. **BORAGE.** The leaves are used for flavoring cordials. It is also excellent as bee food. It grows freely; has beautiful sky blue flowers. Pkt., 7c; oz., 20c, postpaid.

483. **CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt., 7c; oz., 20c; ¼ lb., 40c, postpaid.

484. **CORIANDER.** An annual herb. The seeds are used in pickles and confectionery. Pkt., 7c; oz., 15c, postpaid.

485. **DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 7c; oz., 15c; ¼ lb., 35c; 1 lb., 80c, postpaid.

487. **LAVENDER.** A hardy perennial. Leaves are used for seasoning and the dried leaves for sachets. Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid.

489. **MARJORAM.** Sweet. Tops green or dried, used for flavoring soups. Pkt., 10c; oz., 25c, postpaid.



Irish Grey.

268. **IRISH GREY.** A long, rather large melon, light green in color and of fine table quality. The flesh is deep red, crisp and sweet; no hard center. Besides being a fine garden melon, it is equal to Tom Watson as a shipper. Seeds brown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

267. **ICE CREAM or PEERLESS.** A well-known old favorite and a standard home melon. Extra early, of medium size, short oblong in form; rind thin, light green in color, mottled and veined with a darker shade; bright scarlet flesh, wonderfully sweet and delicious; seeds white. Ice Cream is an old variety but as good as ever and very hard to beat. It is certainly very highly regarded by thousands of home gardeners all over the North. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.



Cole's Early.

262. **COLE'S EARLY.** Another home melon that is wonderfully popular all over the North. Our second largest seller. One of the earliest of all melons and one of the best. It is medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink, rather a darker shade than some others, of excellent quality, firm and delicious. Seeds black. Nothing surer than this variety for hard situations in Northern latitudes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

OLDS' HERBS

488. **SWEET FENNEL.** A perennial herb. Seeds are used in confectionery. The young shoots can be eaten raw or used in soups and salads for flavoring. The plants grow about three feet high with large yellow flowers. Pkt., 7c; oz., 15c; ¼ lb., 35c, postpaid.

490. **ROSEMARY.** A perennial herb with a fragrant odor. The leaves are used for flavoring soups and meats. Pkt., 10c; oz., 75c, postpaid.

492. **SAGE.** (Perennial.) Dried leaves much used for seasoning in dressings; the most popular of all herbs. Pkt., 10c; oz., 30c; ¼ lb., 90c, postpaid.

494. **SUMMER SAVORY.** Annual herb. Dried leaves and flowers are used for flavoring soups and dressings. It is similar to Thyme but much milder. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

496. **THYME.** Perennial herb. The leaves and shoots are used for seasoning and flavoring sausage and other meats. Pkt., 10c; oz., 40c; ¼ lb., \$1.10, postpaid.

498. **WORMWOOD.** Perennial herb. The dried leaves are used as a poultry tonic. It has a fragrant, spicy odor and a bitter taste. Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid.

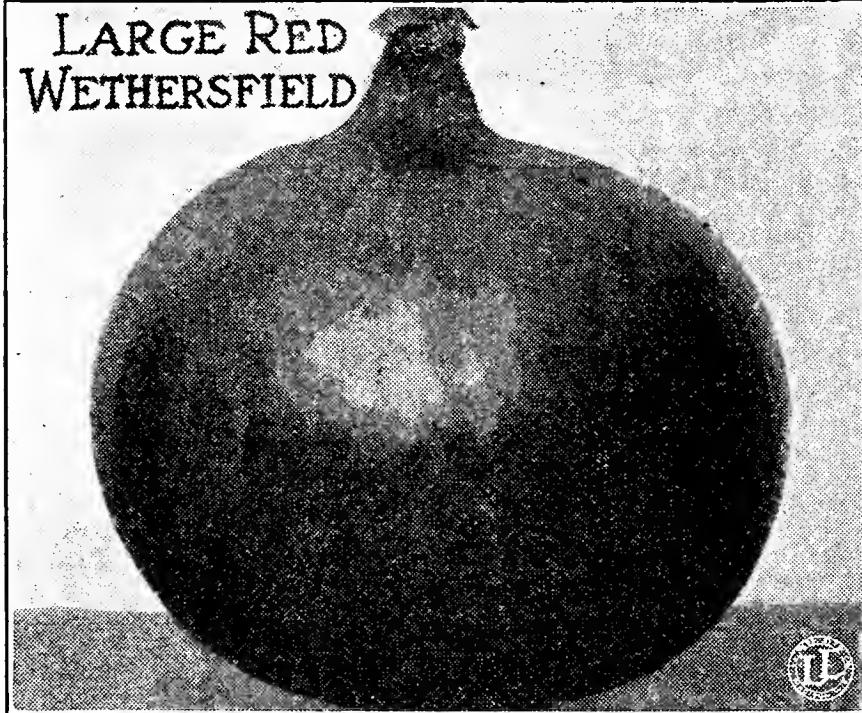
499. **MIXED HERBS.** A mixture of all varieties. Pkt., 7c; oz., 20c; ¼ lb., 60c, postpaid.

OLDS' ONIONS

Perhaps no crop brings as high returns from an acre of ground as onions. They demand intense cultivation and a lot of hand work. Therefore a small grower has just as much chance of making good on this crop as a large grower. With a crop of this type, however, you must be absolutely sure of having the best seed obtainable. Our seed is from onion bulbs which are grown exclusively for seed purposes. We do not think there are any stocks better.

CULTURE: As early as possible sow thinly in rows one foot apart, thinning later to 3 or 4 inches apart. Keep the surface of the ground open and free from weeds, using fertilizer if you want a maximum yield. When the bulk of the tops have turned yellow and have fallen over the onions are ready to harvest. They should be pulled at this time and left to lie in small piles for a couple of days and then removed to an airy shed. When cool weather arrives store in a cool, dry root cellar. A packet of seed will plant 25 to 30 feet of drill; one ounce 200 feet, and 4 pounds an acre. For prices on larger amounts see our Market Gardeners' Price List, pages 5 and 6. (See page 34 for maggot control.)

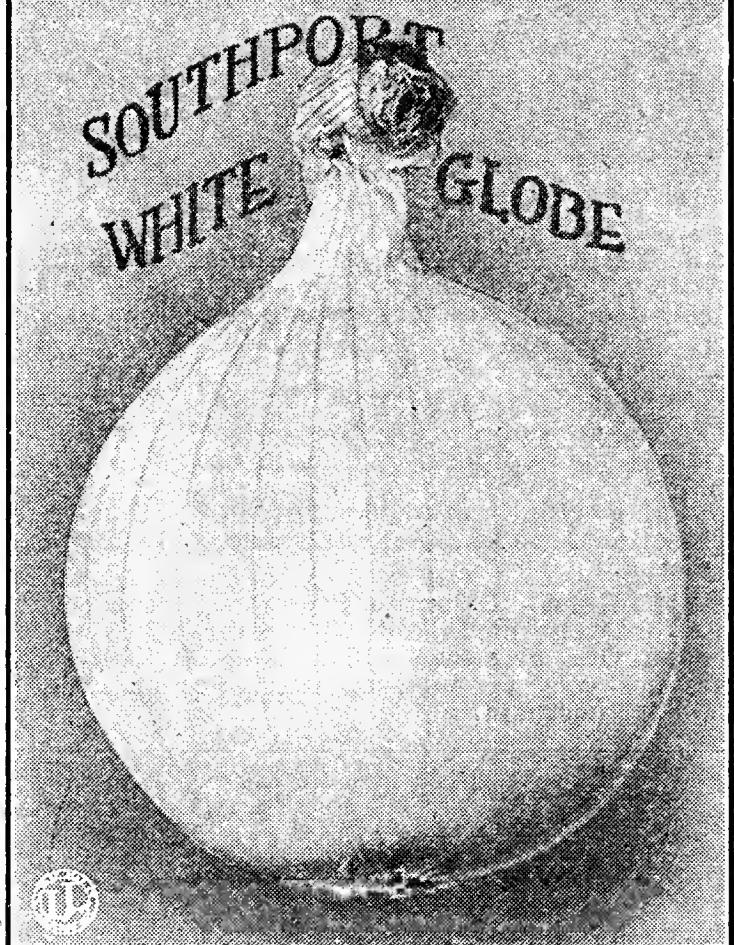
LARGE RED
WETHERSFIELD



287. OLDS' EXTRA LARGE RED WETHERSFIELD. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. We have a strain selected for extra large type. Pkt., 6c; oz., 18c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

299. AUSTRALIAN BROWN. Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel will weigh several pounds more than the standard legal weight for a bushel of onions. It is an ideal variety for shipping or storing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40.

SOUTHPORT
WHITE
GLOBE



292. SOUTHPORT WHITE GLOBE. A handsome onion with a pure delicate paper white skin. Flesh crisp, fine-grained, snowy white and mild; a good keeper for a white variety. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.

293. WHITE PORTUGAL. (Silver Skin.) A handsome early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but flat. It is fairly mild, very tender and a good keeper for a white kind. Pkt., 8c; oz., 22c; $\frac{1}{4}$ lb., 70c; lb., \$2.00.

YELLOW GLOBE DANVERS



285. ★OLDS' YELLOW GLOBE DANVERS. Olds' Yellow Globe Danvers is a solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.70, postpaid.

OLDS' ONIONS

283. **CRYSTAL WAX BERMUDA.** A Bermuda onion. One of the most attractive varieties. It is large, flat, pure white, very early, mild in flavor; in fact can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.00, postpaid.

290. **SOUTHPORT YELLOW GLOBE.** A globe shaped onion of fine golden yellow color, growing somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 55c; 1 lb., \$1.70.

291. **SOUTHPORT RED GLOBE.** Southport Red Globe is a large, handsome, dark red onion with small neck, small top and of mild flavor. Excellent for keeping qualities. Pkt., 6c; oz., 18c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.60, postpaid.

PICKLING ONIONS

302. **WHITE BARLETTA.** A very early beautifully white, small, mild onion. Used exclusively for pickling. The skin is very white and exceptionally thin. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.30, postpaid.

303. **OLDS' WHITE QUEEN.** A very hardy perennial variety of onion, used for bunching and pickling. It is perfectly hardy and requires no mulching. Sow in early fall for early spring onions. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; 1 lb., \$2.50, postpaid.

OLDS' ONION SETS

We offer choice, dry, select Onion Sets, the best to be had. Bottom sets should be planted very early in the spring, the earlier the better. A pound will plant a row 20 feet long, two to three inches apart in the row. Egyptian or Winter Sets should be planted in the fall.

YELLOW BOTTOM SETS: Lb., 22c; 2 lbs., 35c; 4 lbs., 60c, postpaid. By express or freight: 10 lbs., 90c.

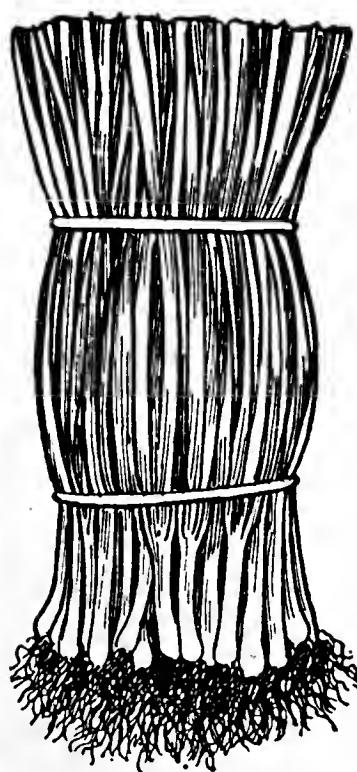
RED BOTTOM SETS: Lb., 22c; 2 lbs., 35c; 4 lbs., 60c, postpaid. By express or freight: 10 lbs., 90c.

WHITE BOTTOM SETS: Lb., 25c; 2 lbs., 40c; 4 lbs., 70c, postpaid. By express or freight: 10 lbs., \$1.10.

EGYPTIAN or WINTER SETS, for fall delivery only: Lb., 25c; 2 lbs., 40c; 4 lbs., 70c, postpaid. By express or freight: 10 lbs., \$1.10.

For larger quantities of onion sets, see page 6.

FROST PROOF ONION PLANTS



Frost Proof Onion Plants.

Southern Grown Frost Proof Onion Plants have been giving satisfactory results for some years and are well out of the experimental class. They are grown by experts and properly packed so that they will reach the customers in good condition. The seed is planted in the fall, they grow out of doors during the winter so they are hardy and are ready to be planted early.

One thing sure, you will have to hand weed your onion patch at least once during the season if you plant seed. If you use plants, either of your own growing or our southern grown, you can cultivate and keep ahead of the weeds. The varieties we offer are, Crystal White Wax and Yellow Bermuda.

Prices: Per bunch (about 100 plants); 2 bunches, 30c; 5 bunches, 65c; 10 bunches, \$1.20; 20 bunches, \$2.25, postpaid. Not prepaid, crate of 60 bunches, \$5.00.

GARLIC.

Garlic comes in bulbs only, which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, $\frac{1}{4}$ lb., 15c; 1 lb., 40c; 2 lbs., 70c.

CHIVES.

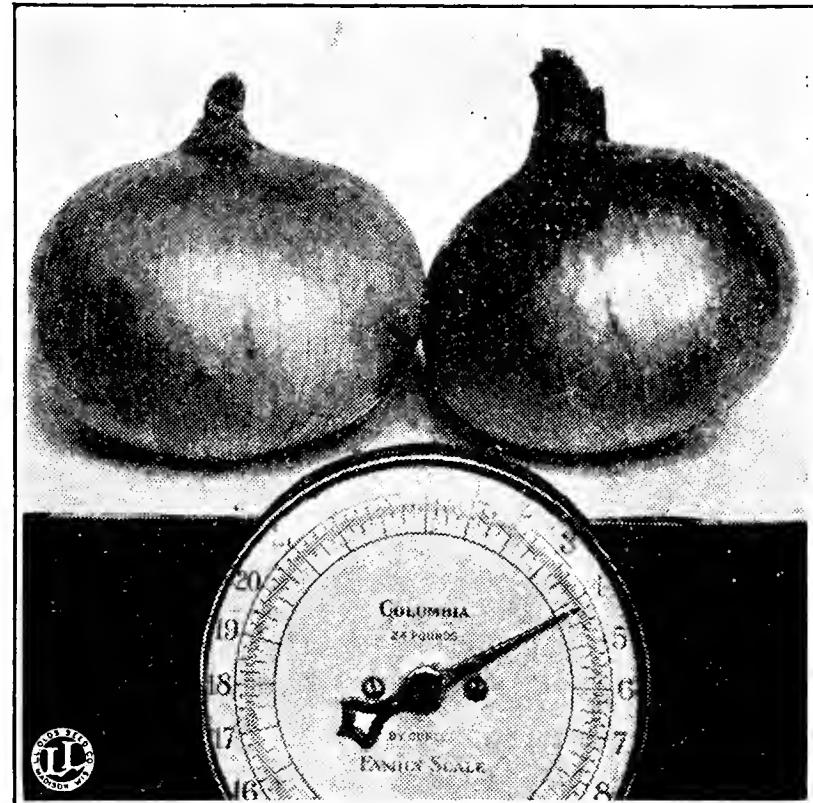
279. Chives belong in the perennial class. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Seed: Pkt., 15c; oz., 50c. Large Clumps: 3 for 50c; 12 for \$1.50.

"I ordered your Sweet Spanish Onion Seed last spring. They are the best onions I ever raised."

Mrs. Alex Andrews, North Carolina.

SPANISH TYPE ONIONS

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. We do not recommend planting them in Northern Wisconsin and similar latitudes. In the central and southern parts of this state, however, they do very well.

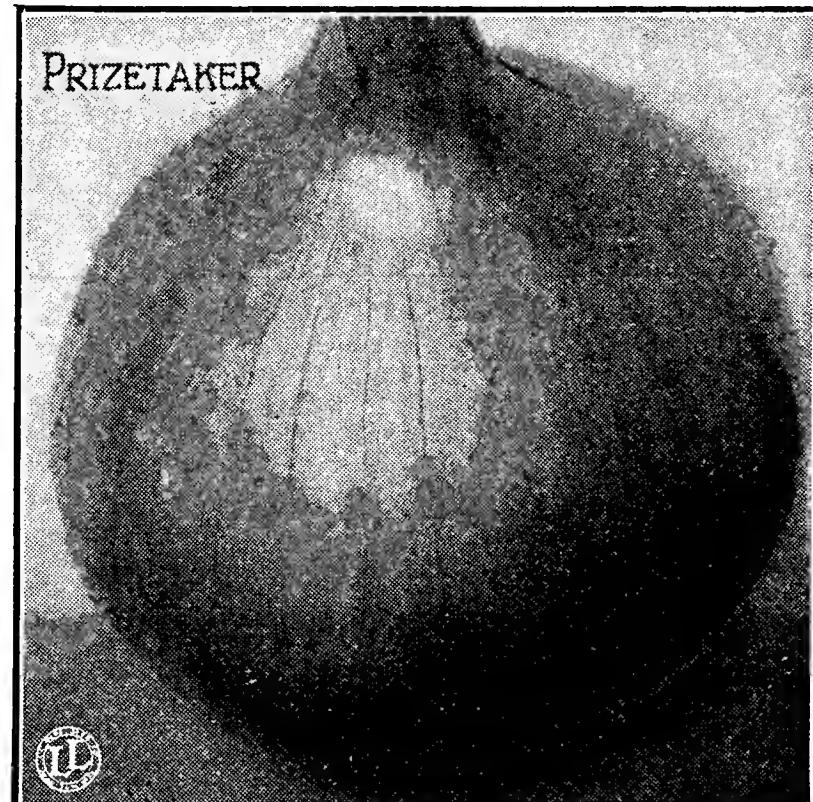


Olds' Sweet Spanish Onion.

298. **OLDS' SWEET SPANISH.** (Mountain Strain.) An extremely large, mild and sweet globular-shaped onion and very handsome. The flesh is clear, white and tender. Under favorable conditions these onions will weigh over 2 pounds each and when placed on the market will outsell the other varieties at much higher prices. The earliest Spanish onion. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; 1 lb., \$2.15, postpaid.

288. **AILSA CRAIG.** An English strain of Spanish onion, much like the Prizetaker, but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; 1 lb., \$2.00, postpaid.

297 $\frac{1}{2}$. **GIGANTIC GIBRALTER.** The largest, mildest and sweetest of all onions. Creamy straw-colored bulbs, excellent for slicing, never strong, but brittle, juicy and with a very pleasant flavor. Late in season. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.90, postpaid.



297. **OLDS' PRIZETAKER.** Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild sweet flavor and a fair keeper, ripening evenly. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 65c; 1 lb., \$1.90, postpaid.

OLDS' GARDEN PEAS

Peas are one of the finest garden vegetables. Do not depend upon one planting. Plant some of the earlies, mediums and lates. The early peas are not usually as sweet as the mid-season or the late varieties and the wrinkled varieties are always much sweeter than the smooth, but the smooth varieties can be planted in the ground a trifle earlier than the wrinkled varieties. The varieties marked * are the wrinkled varieties.

CULTURE: Early peas are grown with best results on light warm soils; main crop varieties on fairly heavy soils but of course, peas will do well on most any good garden soil. Do not use much nitrogen fertilizer as that will cause a heavy leaf growth with fewer pods. Sow the extra early varieties in rows 2 to 3 inches deep and $2\frac{1}{2}$ to 3 feet apart as soon as the ground can be worked and for succession, plant every two weeks until the middle of June. Early varieties can be again planted in August and a good crop secured in the fall. One pound of seed will sow about 50 feet, 120 to 160 pounds should be used for an acre. Use Semesan on the seed. See page 25.



Laxton's Progress Pea.

336. **LAXTON'S PROGRESS.*** A recent introduction of real merit in the list of large pod dwarf peas and an ideal sort for the small home gardener. **Progress** grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over $4\frac{1}{2}$ inches long, well filled with 8 to 10 deep green, large peas of wonderful flavor. The peas are ready 60 days from the time the seed is sown. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50, postpaid.

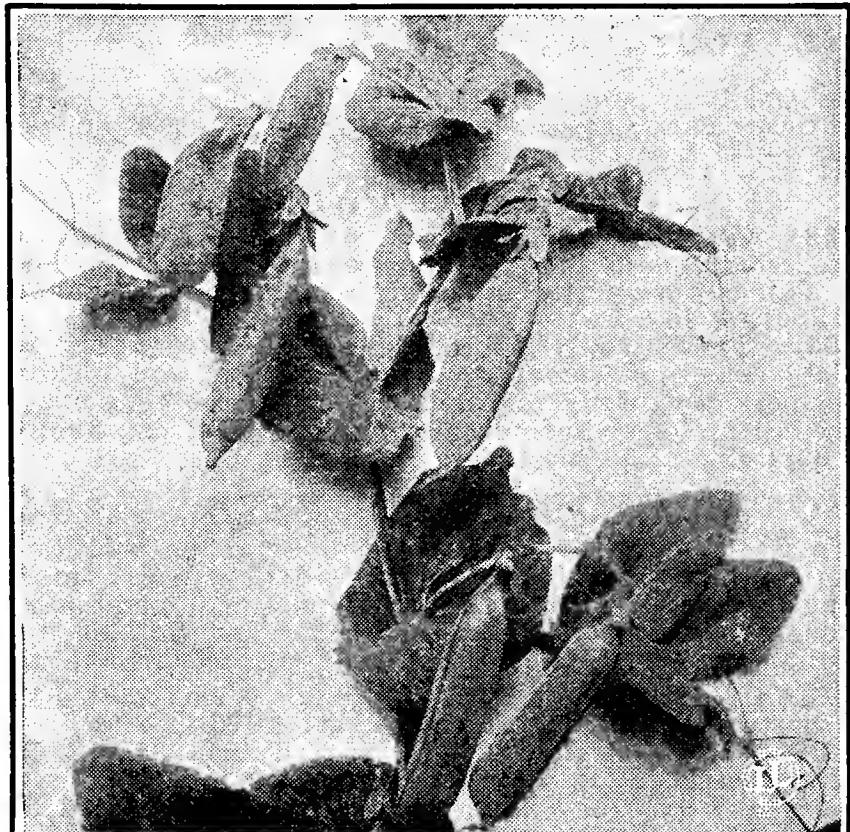
THREE PEAS FOR SUCCESSION

The following three varieties are splendid for a succession in the home garden. Plant these three all-at one time and it will give you peas over quite a long period. Collection prices: 1 pkt. of each of the three, 15c; $\frac{1}{2}$ lb. of each, 45c; 1 lb. of each, 75c postpaid.

320. **SURPRISE OR ECLIPSE.*** One of the earliest wrinkled peas. Vines 2 feet high and light green in color. Pods of good size and well filled with tender, sweet peas. Large pkt., 8c; $\frac{1}{2}$ lb., 25c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

333. **OLDS' ENGLISH WONDER.*** This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. Large pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 22c; lb., 38c; 2 lbs., 70c; 5 lbs., \$1.45, postpaid.

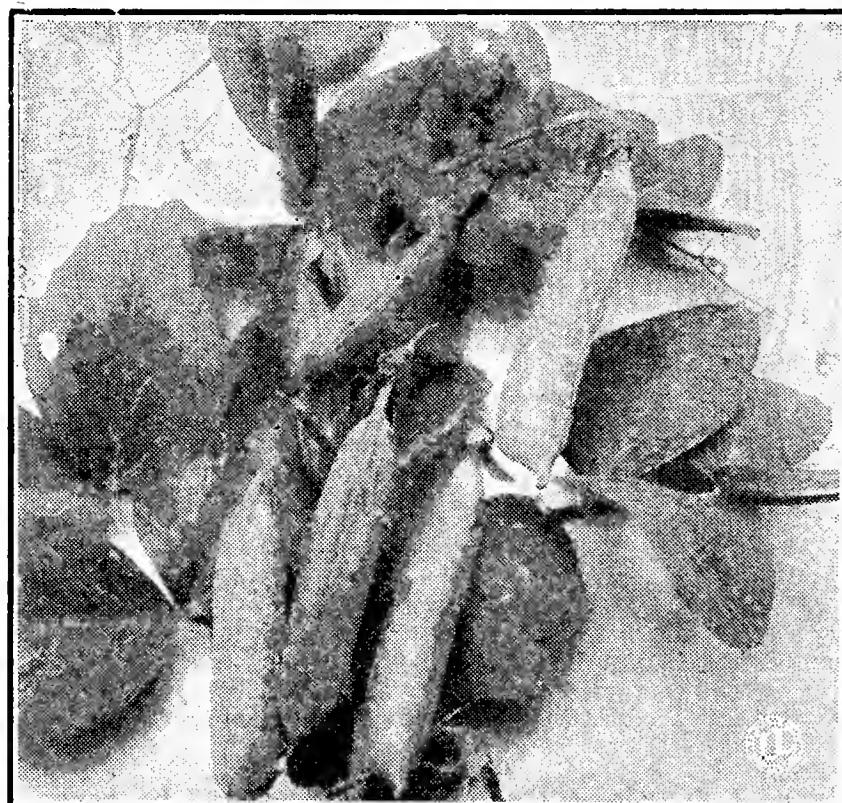
326. **IMPROVED STRATAGEM.*** The best of all the large podded, late peas. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled pods containing large dark-green wrinkled peas of excellent quality. Pkt., 10c; $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.55, postpaid.



Nott's Excelsior.

325. **★NOTT'S EXCELSIOR.*** Height 15 inches. It is as early as American Wonder, as sweet as Little Gem and outyields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Large pkt., (2 ozs.), 7c; $\frac{1}{2}$ lb., 18c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.

341. **MAMMOTH LUSCIOUS SUGAR.*** Eat pods and all, like String Beans. Pods are stringless. Vines 5 feet high. Seeds large, gray, and wrinkled. Large pkt., (2 ozs.), 10c; $\frac{1}{2}$ lb., 25c; lb., 40c; 2 lbs., 75c, postpaid.

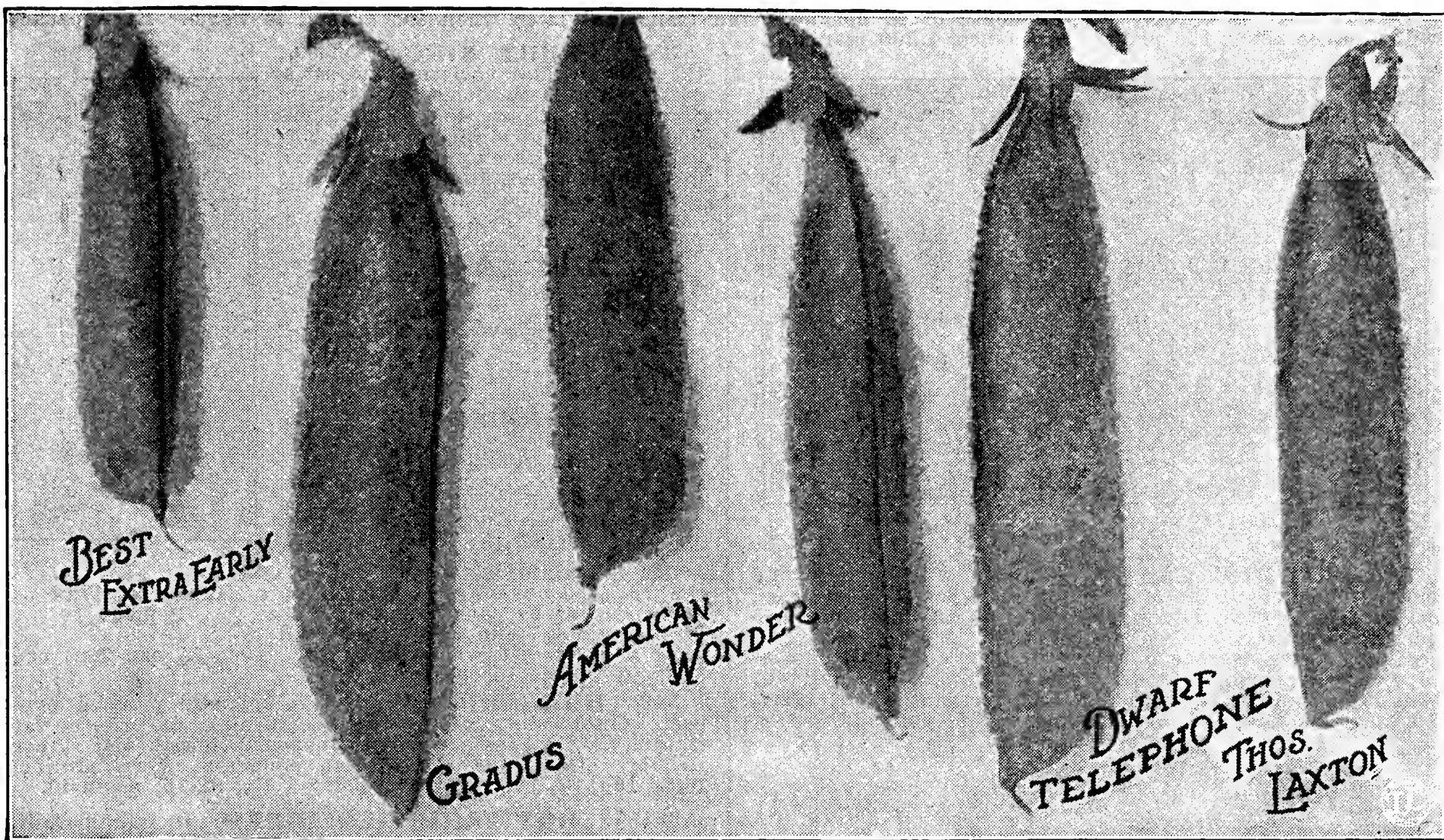


Extra Early Premium or Little Gem.

329. **EXTRA EARLY PREMIUM OR LITTLE GEM.*** Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.

"We think Olds' English Wonder Peas are the best ever."
Peter Keaveny, North Dakota.

OLDS' GARDEN PEAS



332. ★ONWARD.* Our new mid-season variety of special merit. Exceptionally fine quality and a heavy cropper. See front cover and page 3 for complete description. Large pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 22c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50, postpaid.

320 $\frac{1}{2}$. ★OLDS' BEST EXTRA EARLY. An extra early round-seeded variety. Height 2 $\frac{1}{2}$ feet. Seventy-five to eighty per cent of the pods may be gathered at the first picking. Large pkt. (2 ozs.), 8c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

324. ★GRADUS.* (Prosperity.) This pea is nearly as early as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length, each containing 8 or 10 sweet and fine flavored peas. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 20c; 1 lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

322. ★IMPROVED TELEPHONE.* Vines, 4 feet high; pods, dark green, 3 $\frac{1}{2}$ to 4 inches long, containing from 5 to 10 peas each. The leading variety among market gardeners. Comes into bearing in about 65 days. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 20c; 1 lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

330. AMERICAN WONDER.* The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within seven weeks from planting. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 18c; 1 lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

335. ★OLDS' DWARF TELEPHONE.* (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high. Pods medium green, four inches long, well filled with 7 to 8 bright green peas. Large pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 22c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.45, postpaid.

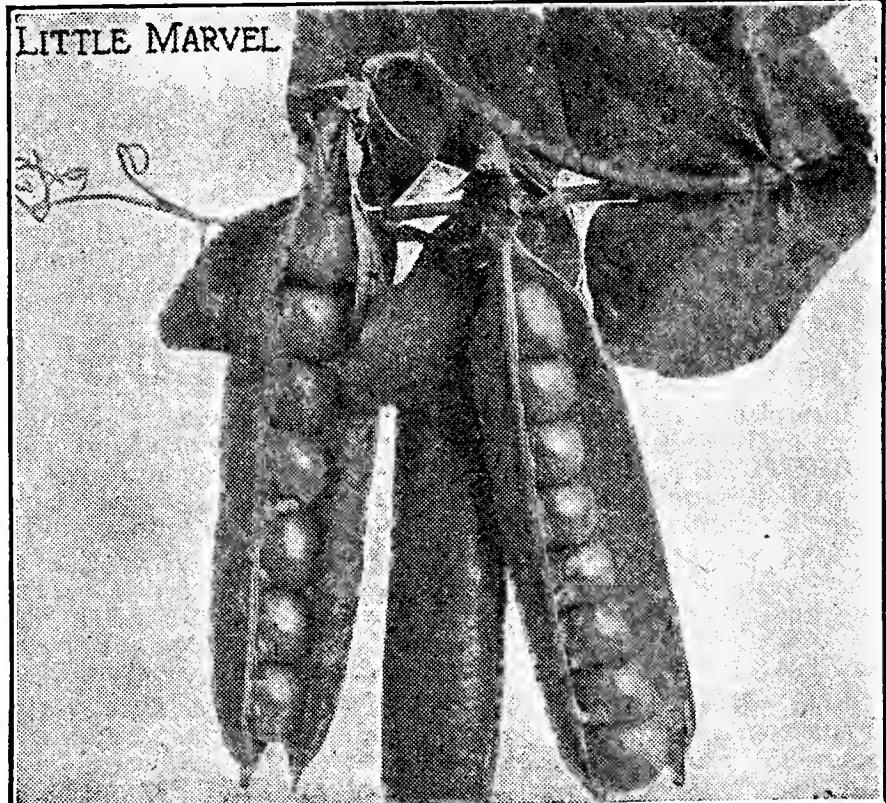
334. THOMAS LAXTON.* In earliness only two or three days behind Alaska, and in yield and quality far superior. Height three feet. Pods medium green, 3 $\frac{1}{2}$ inches long, containing about seven large green peas. Large pkt. (2 ozs.), 8c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

324 $\frac{1}{2}$. ★BLUE BANTAM OR GIANT LAXTON-IAN.* A new large-podded, dwarf wrinkled pea. Unequaled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large dark green pods with six to eight peas each of excellent quality. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.40, postpaid.

Ask for Wisconsin Circular No. 132, "Vegetable Gardens."

323. ALASKA. Earliest of all. A smooth, round, blue pea. Height 2 $\frac{1}{2}$ feet. The most popular early pea for canning. Large pkt. (2 ozs.), 5c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 2 lbs., 45c; 5 lbs., 85c, postpaid.

327. CHAMPION OF ENGLAND.* One of the richest, best flavored late peas. Height 4 $\frac{1}{2}$ feet. Pods contain eight light green peas each. A standard main crop variety. Large pkt. (2 ozs.), 8c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.40, postpaid.



339. ★LITTLE MARVEL.* A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra earlies, with the exception of the New Progress. Large pkt. (2 ozs.), 8c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

It Pays To Buy Reliable Seeds.

"In our 13 years of gardening have used your seeds all but last year. Last year our garden was a flop and hereafter will always give you my order. Your seeds sure grow and produce and whatever you claim for them is true."

Oscar VanSlyke, Illinois.

OLDS' PEPPERS

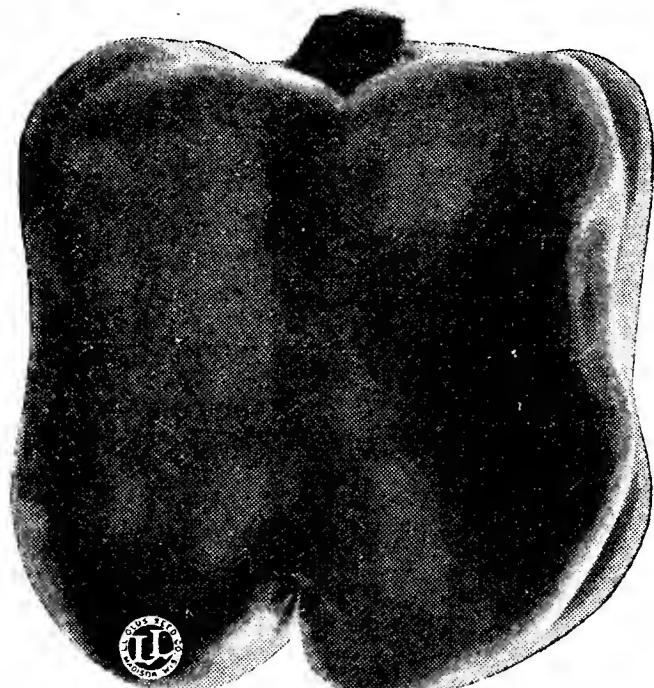
CULTURE: Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants. An ounce, 1,500 plants.



Harris' Early Giant Pepper.

353. **HARRIS' EARLY GIANT.** The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, bearing as many as 12 enormous peppers to a plant.

The peppers average 5 inches in length and 3 1/2 inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Pkt., 10c; 1/2 oz., 35c; oz., 55c; 1/4 lb., \$1.85, postpaid.



Olds' California Wonder Pepper.

350. **★RUBY KING.** One of the most popular varieties and satisfactory for both home and market garden. It grows 4 1/2 to 6 inches long, and 3 1/2 to 4 inches thick. The peppers are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 7c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.05, postpaid.

351. **BELL OR BULL NOSE.** A standard early variety. Has a vigorous plant growing two feet high. The peppers are large with thick, mild, sweet flesh of excellent quality. Pkt., 7c; 1/2 oz., 20c; oz., 33c; 1/4 lb., 95c.

354. **★CHINESE GIANT.** One of the very best and largest mango peppers. Its great size, fine shape, and beautiful, glossy red color and mild flavor all commend it. It is very productive. Pkt., 10c; 1/2 oz., 35c; oz., 55c; 1/4 lb., \$1.85, postpaid.

356 1/2. **PIMENTO.** This variety is used not only for salads and mangoes, but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.15, postpaid.

349. **HUNGARIAN WAX.** A splendid pungent pepper. Color waxy canary yellow turning to crimson at maturity. Peppers are 5 to 6 inches in length and rather slender. One of the best hot peppers. Very prolific. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$2.15, postpaid.

358 1/2. **HOT VARIETIES MIXED.** Including Chili, Cayenne, Tabasco and others. As 'hot as fire.' Pkt., 5c; 1/2 oz., 18c; oz., 30c; 1/4 lb., 90c, postpaid.

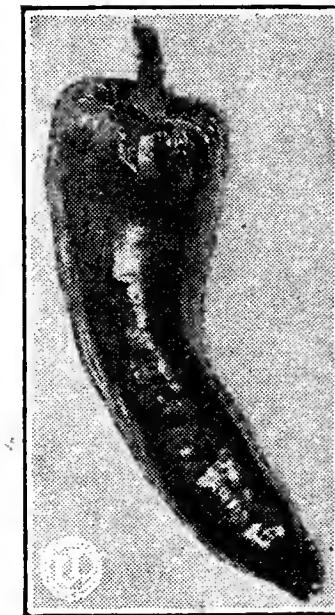
358. **WORLD BEATER.** One of the finest of shipping peppers. A very large sort; a cross between the Chinese Giant and Ruby King. Fruits 5 inches long by 3 1/2 inches in diameter. Flesh thick and mild. Very productive. Pkt., 10c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.30, postpaid.

352. **GOLDEN QUEEN.** The largest and sweetest yellow pepper. Often eight or nine inches long and 4 to 5 inches thick. Pkt., 10c; 1/2 oz., 25c; oz., 50c; 1/4 lb., \$1.65, postpaid.

355 1/2. **RED CHILI.** A rather late hot variety, with peppers about 1/2 inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 6c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.10, postpaid.

357. **★CALIFORNIA WONDER.** A very mild, sweet, mid-season variety. The peppers are very large, measuring 4 1/2 inches in length by 3 to 4 inches in diameter.

The specimen shown was taken from a plant which contained 7 peppers weighing over one-half pound each. The fruit ripens very uniformly and has a deep crimson color when ripe. It closely resembles the Chinese Giant in form but the flesh is extremely thick, which quality the Chinese Giant lacks. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$2.05, postpaid.



Hungarian Wax Pepper.

OLDS' PUMPKINS

Pumpkins are very easily grown and farmers should plant more of them. Especially fine for pies as well as a cheap feed. They can be planted right in the corn and so require no extra room.

CULTURE: Plant any time after the ground has become warm, 4 to 8 seeds to a hill, in hills 8 feet apart each way if planted alone. With corn, plant after the corn is up. One packet of seed is sufficient for 8 to 10 hills, 3 to 4 pounds will plant an acre alone and one pound an acre with corn.

363. **★SMALL SUGAR.** The famous New England Pie Pumpkin. A rather small round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 6c; oz., 12c; 1/4 lb., 30c; 1lb., 90c; 5 lbs., \$3.25, postpaid.

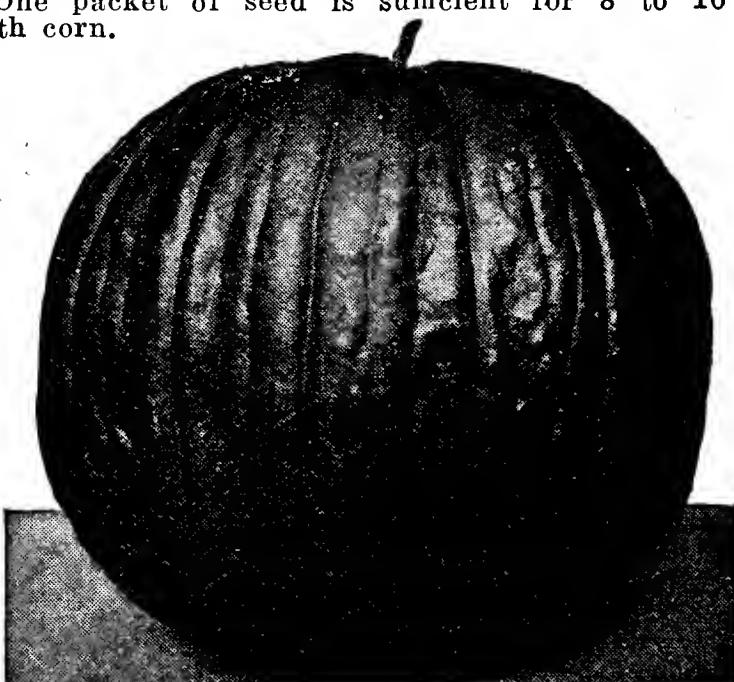
360. **KING OF THE MAMMOTHS.** This variety surpasses all others in size; specimens often weighing 75 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 7c; oz., 15c; 1/4 lb., 45c; 1lb., \$1.35; 5 lbs., \$5.00, postpaid.

364. **WINTER LUXURY.** A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted and a beautiful dark red color. Pkt., 8c; oz., 14c; 1/4 lb., 40c; 1lb., \$1.10, postpaid.

362. **★LARGE CONNECTICUT YELLOW FIELD.** The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1lb., 65c; 5 lbs., \$2.40, postpaid.

"You always receive our seed orders. There are none better. Few as good."

J. M. Hart, Iowa.

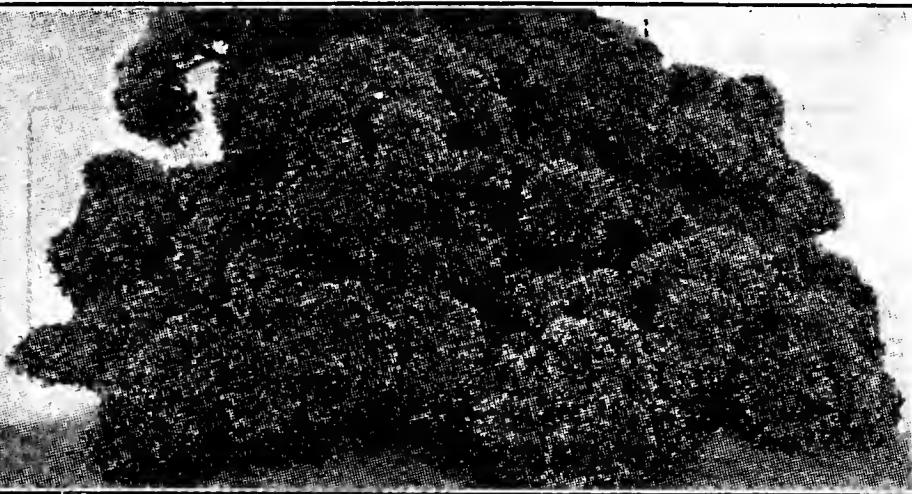


Connecticut Field Pumpkin.

PARSLEY, PARSNIPS, TOBACCO, RHUBARB, PEANUTS

PARSLEY

One packet of Parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.



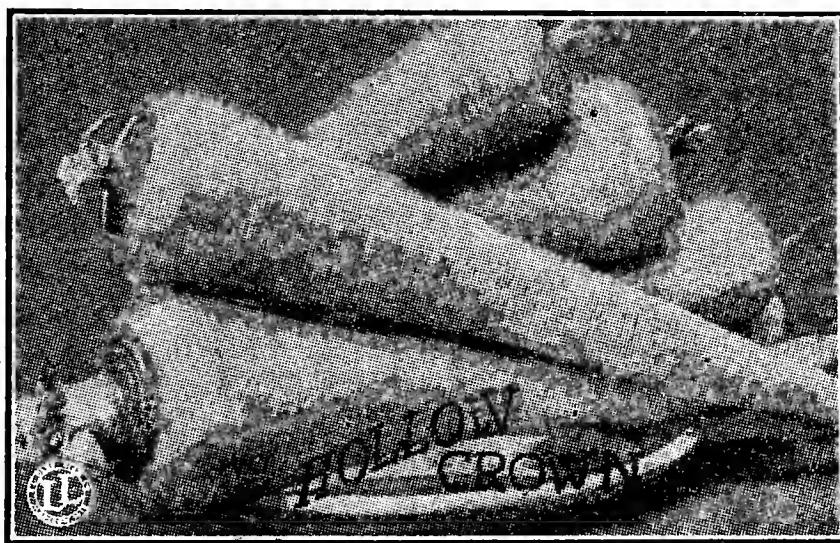
Champion Moss Curled Parsley.

305. CHAMPION MOSS CURLED. A very fine variety. The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. Besides its use as a vegetable, it is a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

309. HAMBURG (Turnip Rooted). The edible root of this variety resembles in color and shape a small parsnip. The roots may be stored in the cellar for winter use. The leaves are similar to those of plain parsley. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.15, postpaid.

PARNIPS

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.



311. HOLLOW CROWN. The old standard parsnip, long rooted, sweet flavored and desirable. Excellent, also for stock feed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

310. IMPROVED GUERNSEY. A much better variety than its parent, the Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily dug. It is a very heavy yielder; roots, smooth; flesh, fine grained and of excellent flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

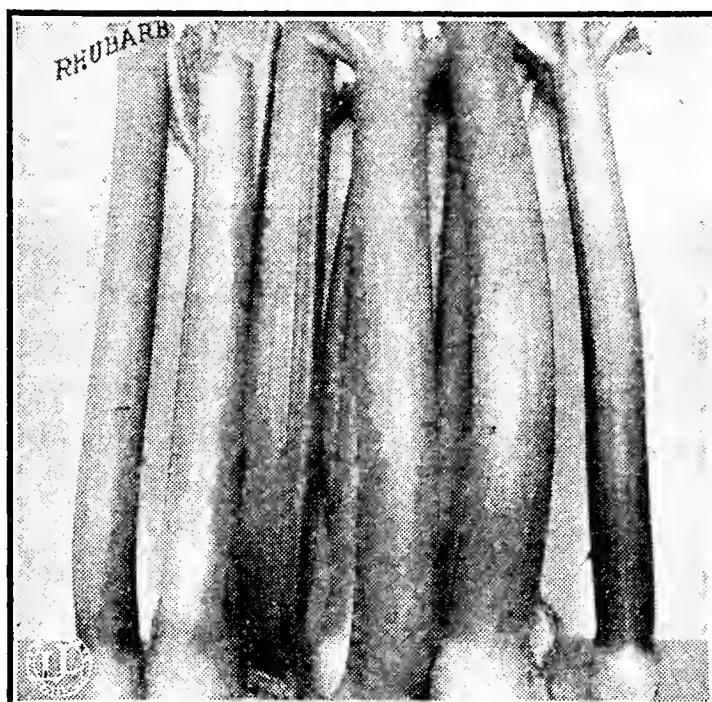
TOBACCO

500. COMSTOCK SPANISH. The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.65.

504. WISCONSIN HAVANA NO. 142. A resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.65.

503. WISCONSIN CONNECTICUT HAVANA NO. 38. Its characteristics are: vigor of growth; good breadth, weight and texture of leaf; improvement of leaves at base of stalk; improved market quality, consisting partly of wrapper quality that blends with the filler tobacco without flavoring the latter; and finally, the important matter of earliness. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.65.

RHUBARB

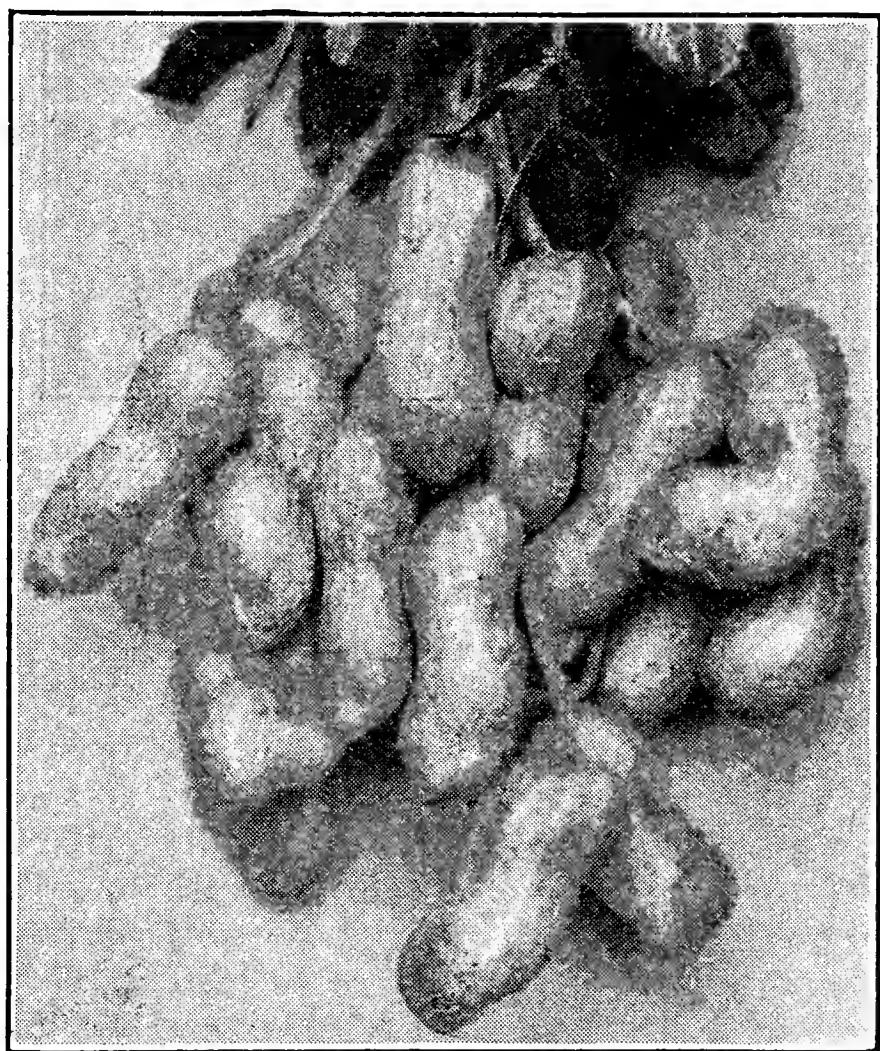


395. LARGE VICTORIA. A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until the plants have had a full season's growth. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.30.

RHUBARB ROOTS.

Choice, extra large roots grown on our own farm. Prices: 6 for 50c; 12 for 90c, postpaid. Not prepaid: 25 for \$1.50; 100 for \$5.00.

PEANUTS



Mammoth Virginia Peanuts.

315. MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Large pkt., 5c; $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 20c; lb., 35c; 5 lbs., \$1.25, postpaid.

HORSE RADISH ROOTS. 12 for 25c; 100 for \$1.25, postpaid. Not prepaid: 1,000 for \$7.00.

"I raised Marion Market Yellows Resistant Cabbage last year and had perfect success."

Louisa Woodard, Indiana.

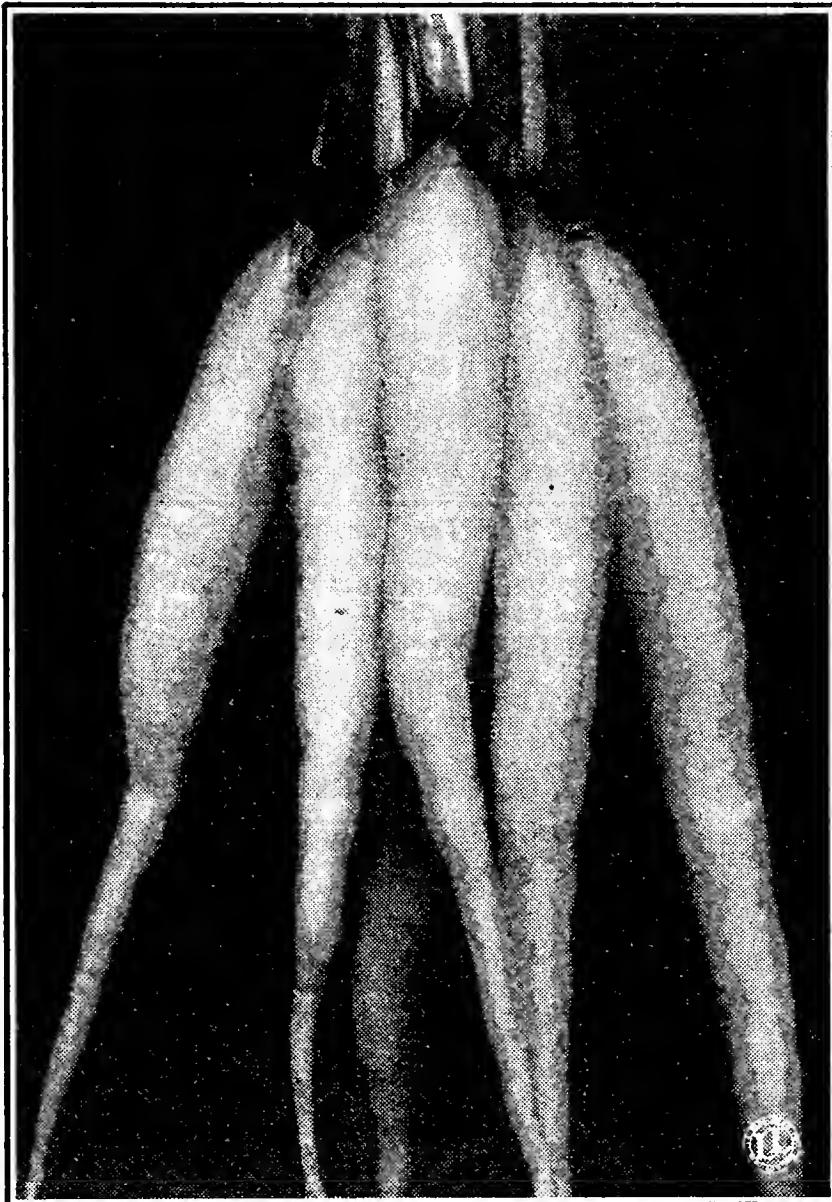
"Last year I planted your Dollar Collection and took a basket of vegetables to the flower and garden show and got 8 prizes."

D. B. Kline, Pa.

OLDS' RADISHES

Olds' Radish Seed is northern grown and is grown from roots that are hand transplanted. In this way the types are kept pure and true and no seed is produced that is not from perfectly sound radishes. Growers who raise radishes for the market should use only seed of this type. The crop can be placed on the market earlier than from ordinary seed and, also, quality radishes can be had long after radishes grown from ordinary seed have become pithy and hollow. All growers should sow the best seed obtainable if they want to receive the maximum profit from their crop. For larger amounts than quoted see our Market Gardeners' Price List, pages 5 and 6.

CULTURE: Sow as early as the ground can be worked. Radishes do best on a light rich mellow soil. Sow in drills 10 inches apart and thin to 2 inches in the row. Sow the early round red sorts first, the long growing varieties a week later, and the winter varieties in July and August. One pkt. will sow 25 feet; 12 pounds an acre.



White Icicle.

385. ★**WHITE ICICLE.** Considered the finest of all for table use. The roots attain a length of about $5\frac{1}{2}$ inches, tapering regularly from near the shoulder to the tip. It is crisp, mild, sweet, and keeps well. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; 1b., 80c; 5 lbs., \$3.00, postpaid.



CRIMSON GIANT

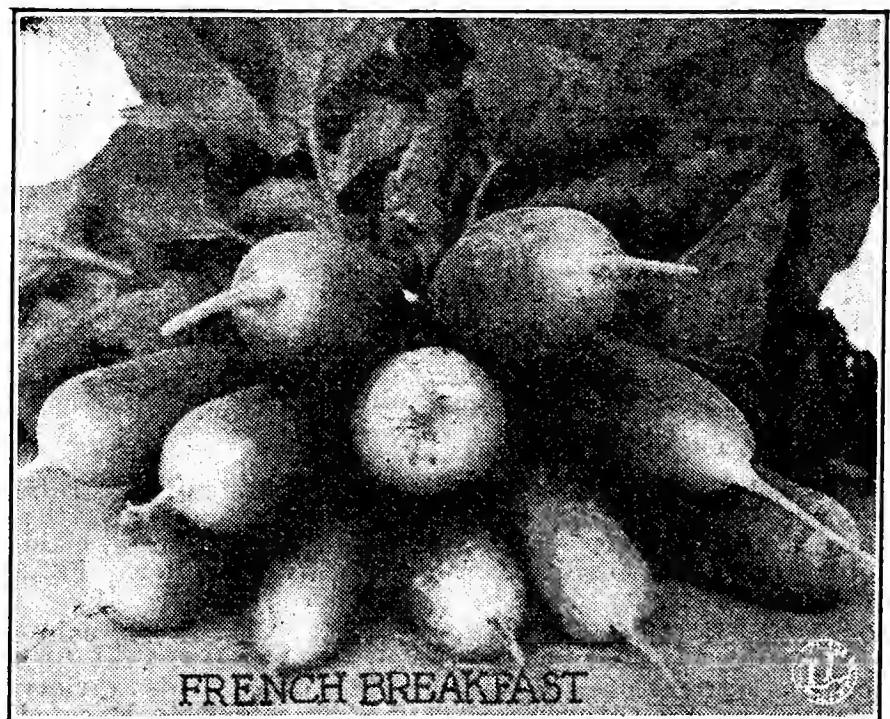
376. ★**CRIMSON GIANT.** A new extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and outdoor growing. Roots are of a handsome deep crimson, varying in shape from round to oval. Flesh, pure white; flavor, mild. We highly recommend this radish. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; 1b., 85c; 5 lbs., \$3.25, postpaid.

Corrosive Sublimate will control Maggots which attack cabbage, onion and radish crops. Mix one ounce with 10 gallons of water. Pour this solution around the base of the plants when they are two to three inches tall. Use one gallon to every 35 feet of row. For cabbage plants use one-half teacup to a plant. Corrosive Sublimate may be obtained from your local drugist or a near-by creamery.



SAXA

375. **SAXA.** This variety is of a fine scarlet color, round with a very small top and tap root. It is very early, and has been placed on the dining table in three weeks from the time the seed was sown. Very crisp, juicy and mild. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; 1b., 90c; 5 lbs., \$3.50, postpaid.



FRENCH BREAKFAST

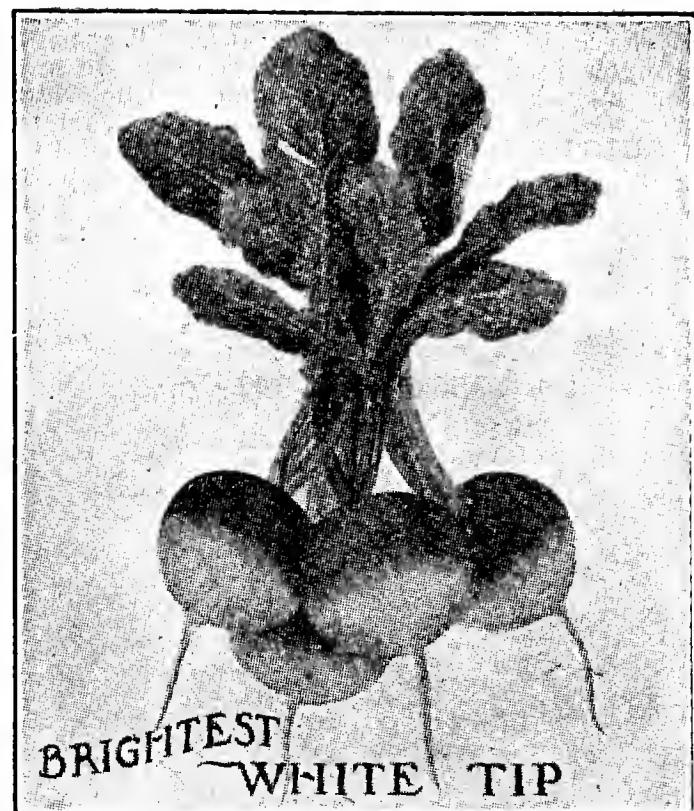
373. ★**OLDS' SPECIAL STRAIN OF FRENCH BREAKFAST.** Our largest seller with the exception of White Icicle. French Breakfast is a quick growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about $\frac{3}{4}$ of an inch through and about twice that in length, with very small top and tap root. It is usually ready for the table in about 25 days from sowing. Flesh pure white and very crisp, tender, and mild. Our favorite radish. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 30c; 1b., 85c; 5 lbs., \$3.25, postpaid.

OLDS' RADISHES

"Your seeds are excellent in every sense of the word."
William Wolf, Illinois.

378. **★OLDS' SNOW-BALL.** (White Box.) A medium sized, round variety, largely grown for summer use. It has a small top, skin pure white. Mild and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c; 5 lbs., \$2.75, postpaid.

394. **OLDS' MIXED RADISH.** An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of an interesting variety. He may choose long, olive or turnip-shaped, in white, red or rose. This mixture will furnish good radishes for a long season with only one planting. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 16c; lb., 50c; 5 lbs., \$1.90, postpaid.



370 $\frac{1}{2}$. **★OLDS' BRIGHTEST WHITE TIP.** (Sparkler.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper half bright scarlet. This contrast makes it especially attractive. Mild crisp and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c; 5 lbs., \$3.00, postpaid.

371. **★OLDS' EARLY SCARLET TURNIP.** A splendid, early, round, bright red radish; flesh white, crisp and tender. A great favorite both with market gardeners and home gardeners. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 90c; 5 lbs., \$3.50, postpaid.

387. **OLDS' ICY CRISP.** Our new extra early variety of radish, which we think surpasses all for quality. See page 3 for complete description. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

384. **CINCINNATI MARKET.** An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. One of the very best market varieties. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

"We have been users of Olds' seeds for 18 years."

Mrs. Chas. Rubel, Wisconsin.

WINTER RADISHES.

There is an evident misunderstanding in regard to winter radishes which we would like to correct. Many people insist on planting winter radishes in the spring the same as other radishes. This will not do. They should not be planted until July or if the soil is very dry, better wait until August.

Winter radishes are good to eat as soon as they are large enough. As good as spring radishes in flavor, much larger in size. For winter use, dig them and pack them in earth the same as parsnips, salsify, or celery.

391. **CHINA ROSE WINTER.** Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through fall and winter. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

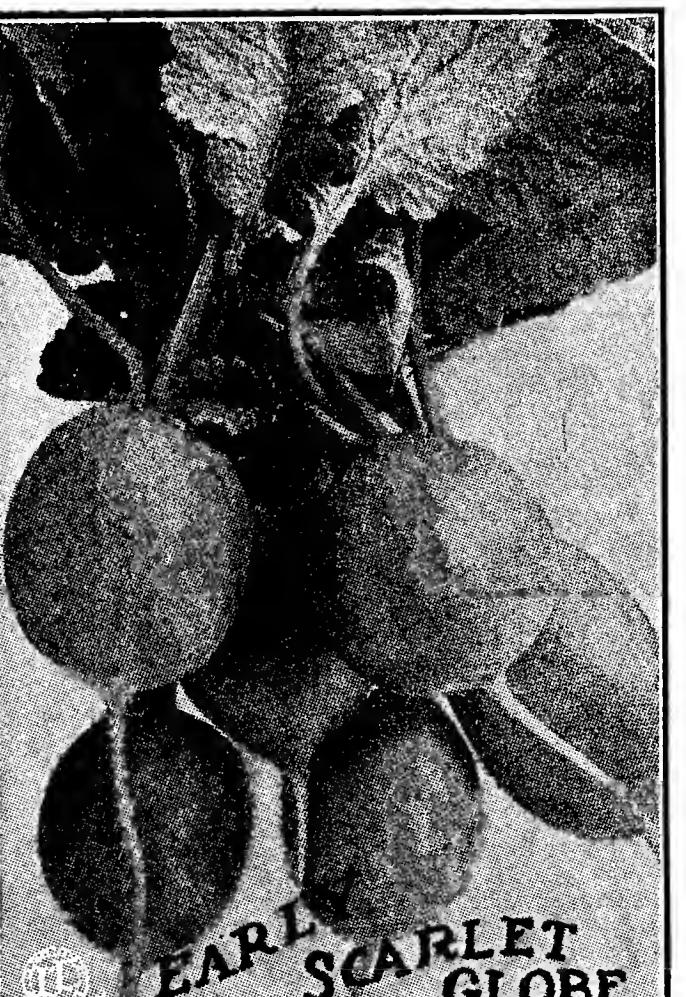
390. **NEW WHITE CHINESE.** (New Celestial.) A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.



China Rose Winter.

392. **LONG BLACK SPANISH.** The skin is black, and the flesh white and firm. Grows 8 or 9 inches long and 2 to 3 inches in diameter. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

393. **ROUND BLACK SPANISH.** Considered by many the best winter radish. Roots are round and sometimes olive-shaped. A long-keeping variety. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c, postpaid.



377. **EARLY SCARLET GLOBE.** (Vick's.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh; pure white, crisp, tender and of delicious quality. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.20, postpaid.



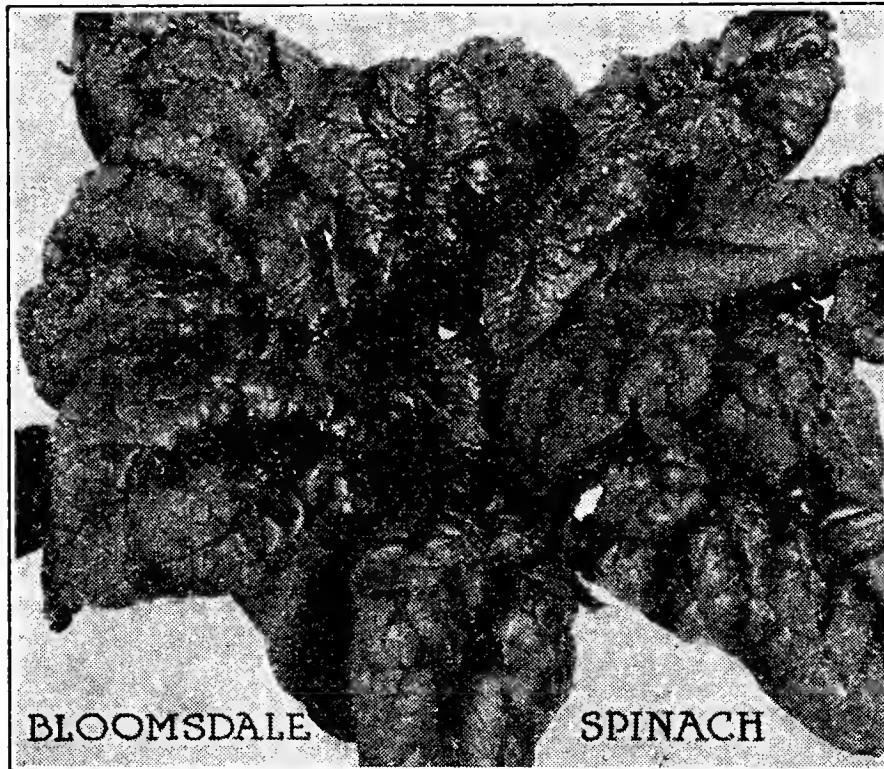
374. **★OLDS' TWENTY DAY.** An extra early, olive-shaped, deep scarlet radish. It is especially adapted for forcing and has been known to grow so rapidly as to make table size in twenty days from planting. It is also an excellent garden variety, flesh crisp and mild, attractive in appearance, and one of the very earliest of all radishes. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 5 lbs., \$3.75, postpaid.



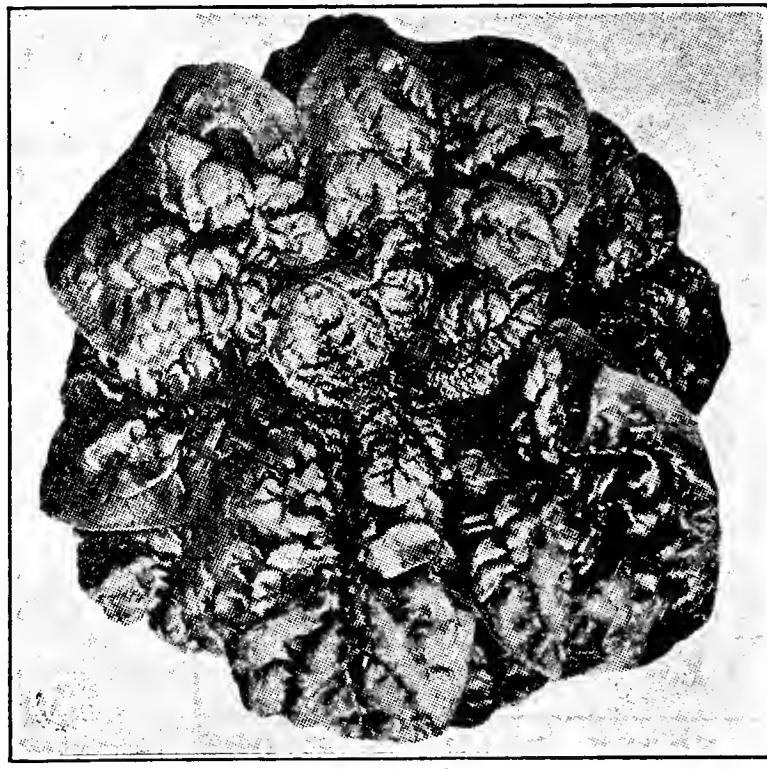
OLDS' SPINACH

Our Spinach Seed is grown in the northern part of Holland where the weather conditions are very similar to those we have in the northern states. We believe that the Holland grown seed is superior to any other on the market. Spinach is a very important market crop and it is becoming more popular each year. Spinach is rich in vitamins. For city gardens we recommend the New Zealand Spinach or Lucullus Swiss Chard as both of these can be cut over and over again while the other varieties of spinach can be cut only once.

CULTURE: Spinach needs cool moist weather. The seed should be sown early in the spring in rows one foot apart and thinned to 6 inches in the row. It will fully mature in 45 days. Upon the arrival of warm weather it tends to bolt to seed. By using our Long-Standing strains, spinach can be had over a much longer period as those varieties are very slow to seed. A fall crop of spinach may be sown in late July or August and will do well during the cool, moist autumn days.



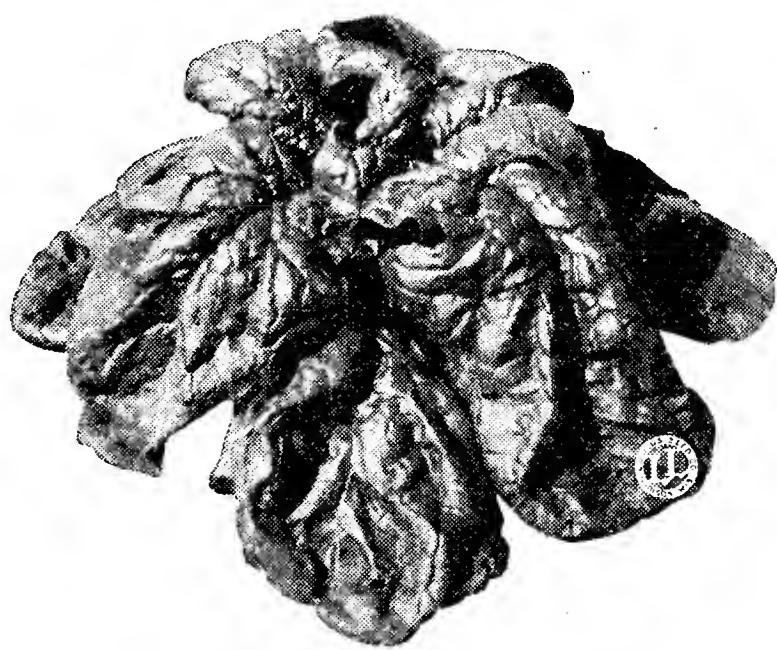
402. **★BLOOMSDALE.** (New Long-Standing Strain.) This is a very early variety and one of the best to plant in the autumn for early spring use. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy. Suitable for home gardens but better adapted for market gardeners. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.



Princess Juliana.



400 $\frac{1}{2}$. **PRINCESS JULIANA.** One of the best long-standing varieties of spinach. Very dark green crumpled leaves, round and thick. It lacks entirely the earlier bolting male plants and as a result the crop as a whole remains much longer in marketable condition. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.



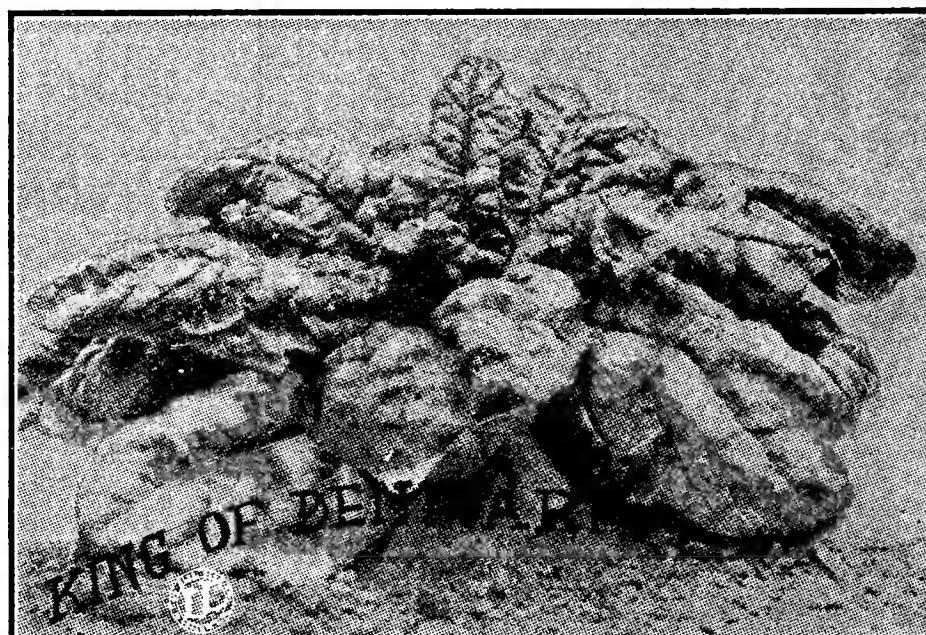
New Long-Standing Gaudry Spinach.

404. **OLDS' LONG-STANDING GAUDRY.** (Also called Nobel, Improved Aragon.) Where a fairly smooth leaf spinach is desired we consider this variety superior to any other. It is as fast a grower as any of the early smooth varieties and at the same time has the long-standing qualities. The leaves are large, broad and thick. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.

403 $\frac{1}{2}$. **NEW ZEALAND.** Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 10c; oz., 17c; $\frac{1}{4}$ lb., 30c; lb., 90c; 5 lbs., \$3.10, postpaid.

"I have been buying Olds' Seeds for some time and sure get wonderful results."

John Gall, Wisconsin.



401 $\frac{1}{2}$. **★KING OF DENMARK.** A new spinach and a very valuable introduction. The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. Equally valuable for both the home and market gardener. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.

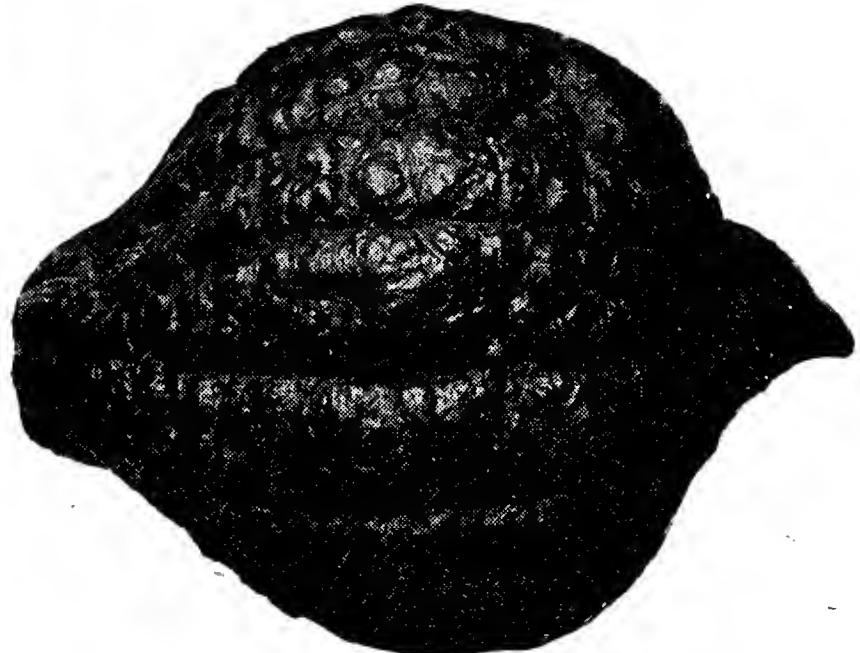
259. **MUSTARD SPINACH.** (Tendergreen). Our new hot weather spinach. The hotter and drier the weather the better it grows. See page 3 for complete description. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 75c; 5 lbs., \$2.75, postpaid.

"We certainly have had success with your disease resistant cabbage seed. We are going to try some of the other seeds this year."

Mrs. Roy H. Noll, Illinois.

OLDS' SQUASH

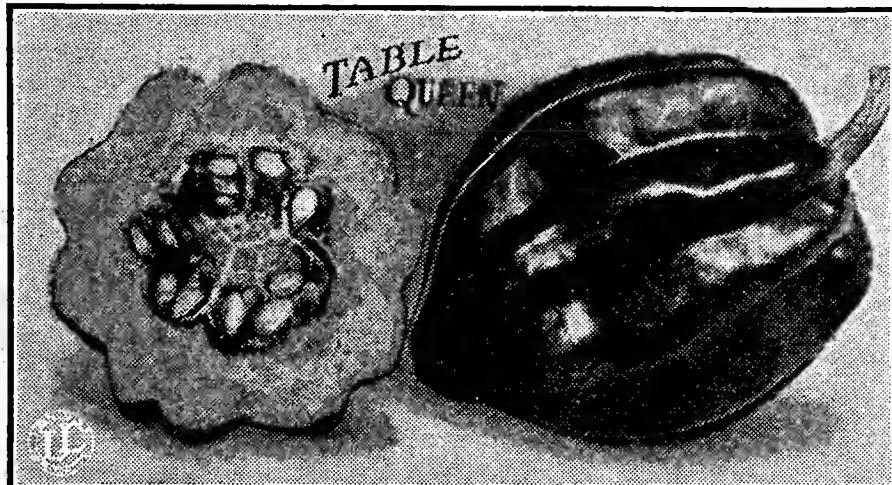
Olds' Squash Seed is all northern grown and will produce a crop a week to ten days earlier than southern grown. **CULTURE:** Plant in a warm, light, rich soil after the weather has become settled and warm in the spring. Plant in hills 3 to 4 feet apart each way, the large running varieties 6 to 8 feet. Eight to ten seeds should be planted in a hill, thinning out after they have attained their rough leaves to 3 or 4 plants to a hill. Fertilizing will increase the size. Use Slug Shot for the striped beetles. For large quantities see our Market Gardeners' Price List, pages 5 and 6.



A Typical Specimen of a True Hubbard.

411. **★TRUE HUBBARD.** Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.60; 5 lbs., \$6.40, postpaid.

413. **GOLDEN HUBBARD.** (Red Hubbard.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier. The moderately warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



409. **★OLDS' TABLE QUEEN.** This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Nearly equal to Hubbard in flavor and keeping qualities and just the right size to cut in half, (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in length. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00.

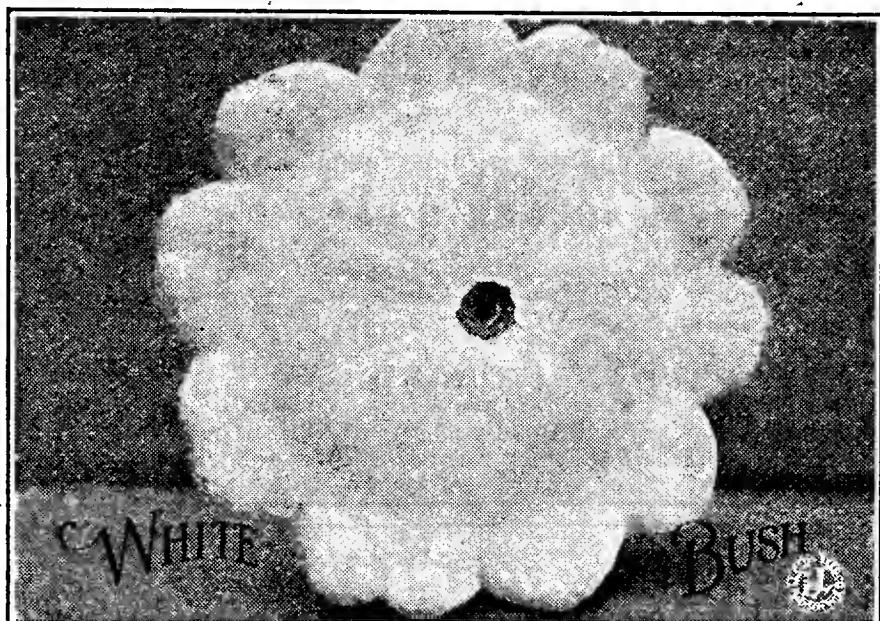


Giant Summer Crookneck.

407. **★GIANT SUMMER CROOKNECK.** The fruit is of an attractive golden-yellow color, covered with fine warts. Grows 15 to 20 inches long. Very prolific, of good quality, and most popular. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 5 lbs., \$4.00, postpaid.

406. **★BUTTERCUP.** Our new squash. Entirely distinct in type. Just the right size for an average family. Unequalled for quality. See page 2 for complete description. Pkt., 12c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.00, postpaid.

418. **BLUE HUBBARD.** A new type of Hubbard similar to the original except that it is blue grey in color. Said to be superior to all other Hubbards in quality. Pkt., 10c; oz., 22c; $\frac{1}{4}$ lb., 70c; lb., \$1.80; 5 lbs., \$7.00, postpaid.



405. **MAMMOTH WHITE BUSH SCALLOP.** Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick, of fine quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 5 lbs., \$4.00.

410. **★DELICIOUS.** This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh deep orange. An excellent keeper. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

420. **MAMMOTH CHILI.** The largest squash of all, sometimes attaining a weight well over 100 pounds. It yields enormously, from 8 to 15 tons per acre; widely used for stock feeding. Bright orange color. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

SWEET POTATO PLANTS

Cultural leaflet upon request.

YELLOW JERSEY. Plant on light sandy soil if you have that kind but sweet potatoes will succeed in the north on most any soil if grown from the plants.

Prices, 50 plants, 65c; 100 plants for \$1.00; 1,000 plants, \$5.50, postpaid. (Ready about May 15th.)

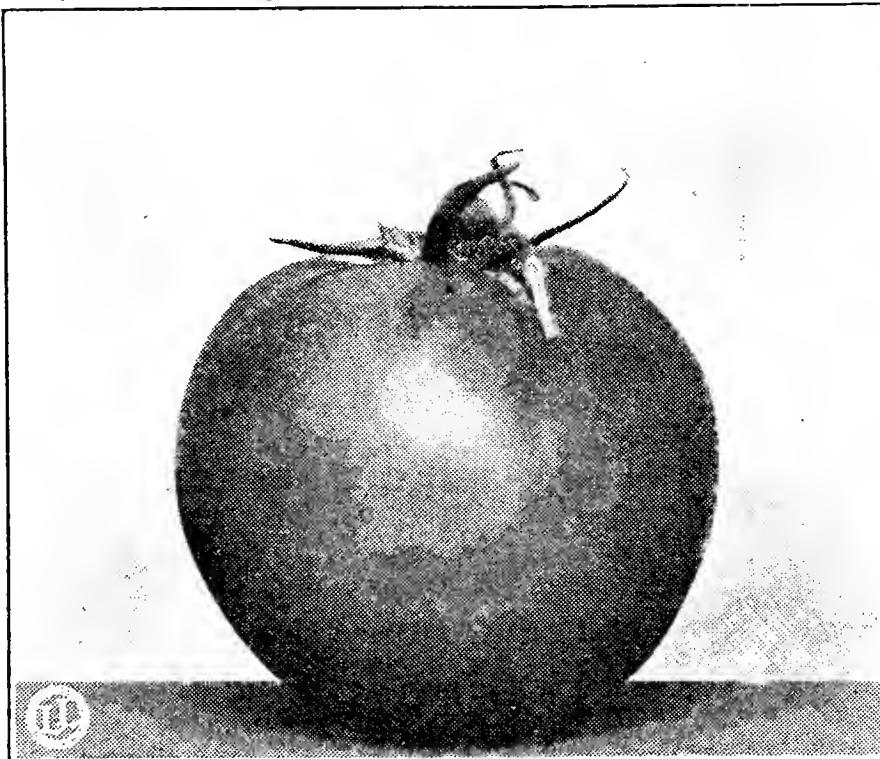
"Am sending to you for my annual garden seeds as I know with your seeds and good work I'll have an abundance of excellent vegetables. This is the 30th year for us to get seeds of your firm. My garden is the envy of all around. Last year from one-half packet sugar pumpkin I gathered 92 ripe pumpkins and one tomato vine had 7 ripe and 62 green tomatoes on it."

Albert W. Sue, Wisconsin.

OLDS' TOMATOES

Olds' Tomato Seed is all northern grown and is produced from tomatoes grown exclusively for seed. Tomatoes do well in practically any garden soil and take up little space. No home garden is complete without them.

CULTURE: Start the seed indoors about the last of February. When 2 inches high transplant to 4 inches apart each way and again transplant to the open ground as soon as danger of freezing is over. Tomatoes need plenty of sunshine and also a great deal of water. Some growers train the vines on trellises so that the fruit will ripen earlier. Spray with Bordeaux Mixture to prevent disease. Arsenate of Lead will destroy the tomato worms. See page 93. For prices on larger quantities see our Wholesale Market Gardeners' Price List, pages 5 and 6.



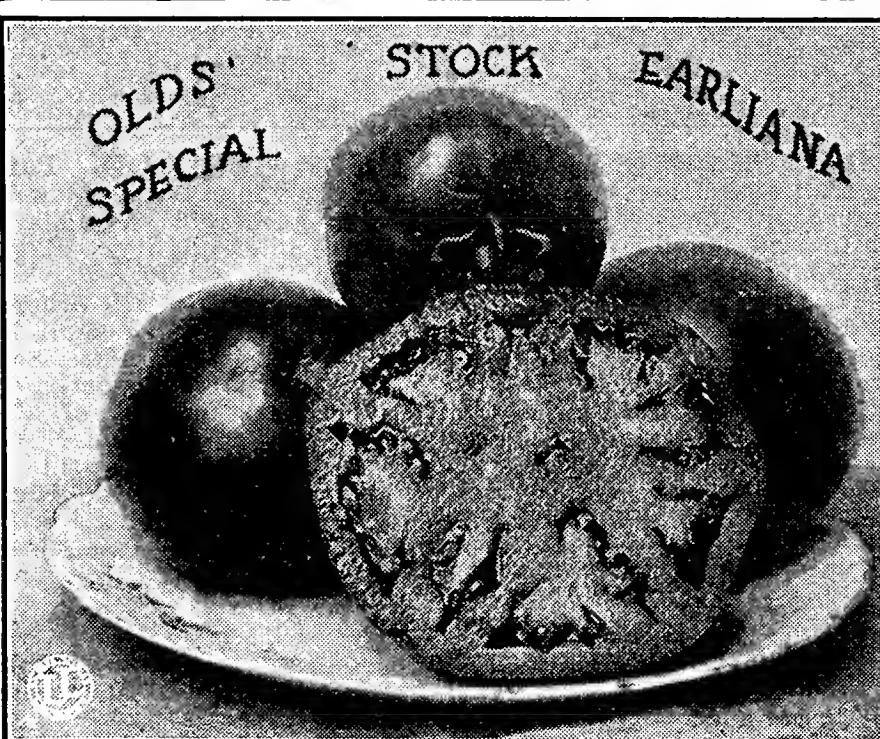
Marglobe Tomato.

WILT AND RUST RESISTANT TOMATOES.

433. **★NEW MARGLOBE.** The perfect tomato. Wilt resistant and rust resistant. A new variety that is attracting a lot of attention. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe tests. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 7c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.15.

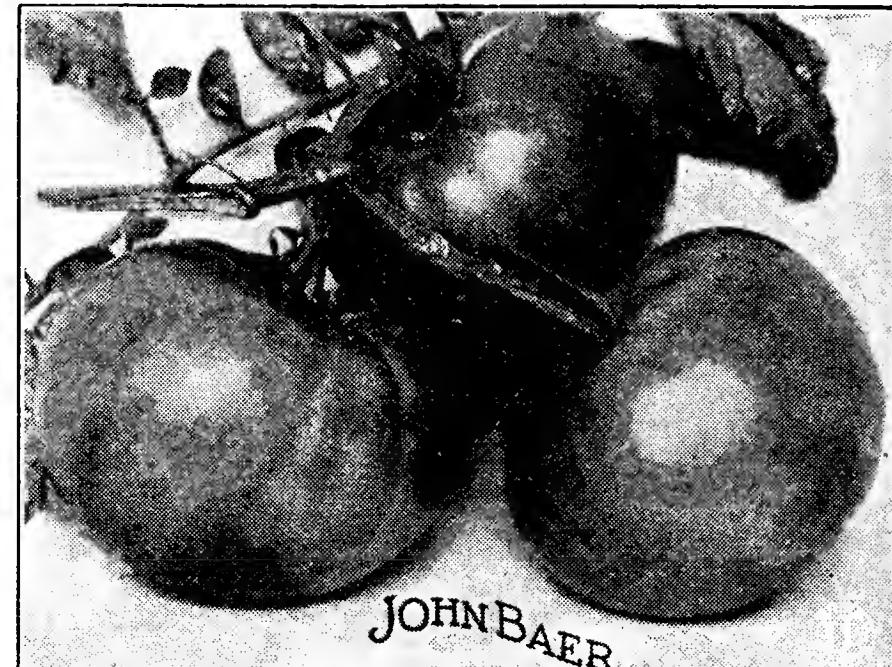
431. **★BREAK O'DAY.** Our 1931 introduction. We think this tomato is just about perfect. It is a wilt-resistant variety, and as early as Earliana. For complete description see page 3. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.40, postpaid.

428. **★PRITCHARD.** The best of the disease resistant varieties. Producing scarlet fruits of good size, in abundance. See front cover and page 2 for complete description. Pkt., 12c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$2.00, postpaid.



435. **OLDS' SPECIAL EARLIANA.** An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Extra select seed. Pkt., 8c; $\frac{1}{2}$ oz., 18c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.

425. **★SPARK'S EARLIANA.** Best early. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.



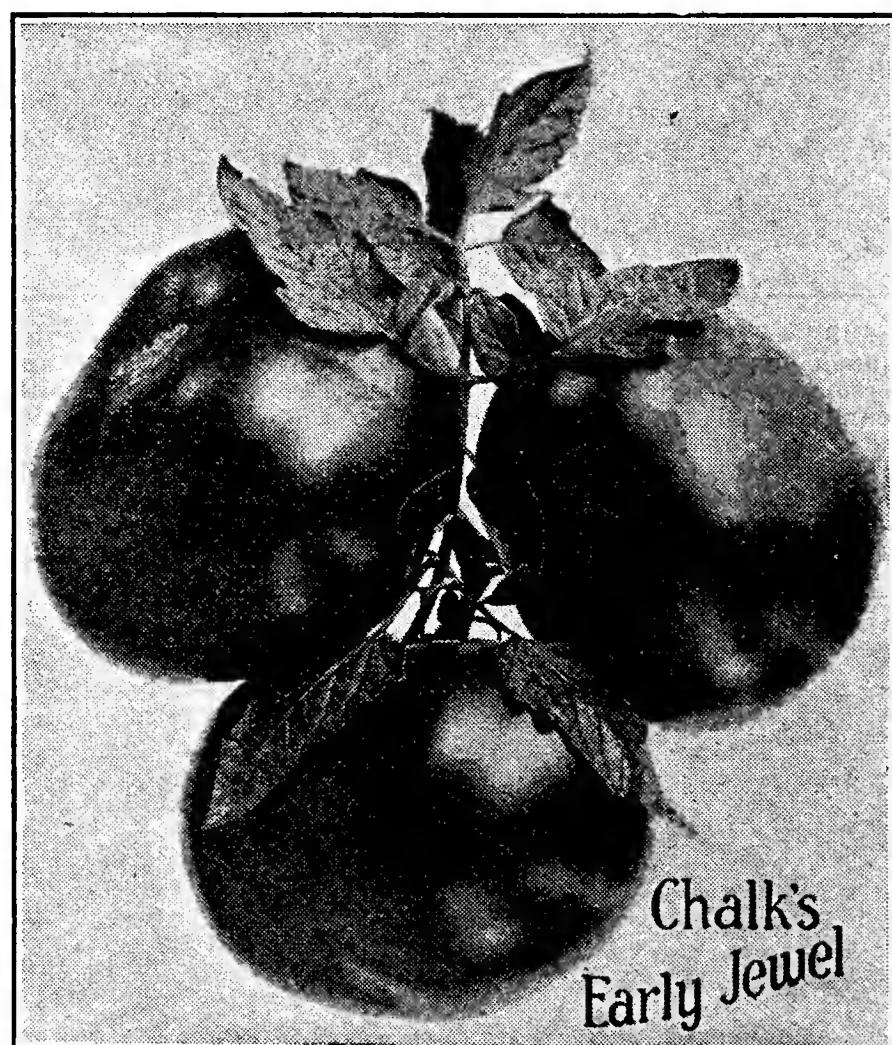
JOHN BAER

436. **★JOHN BAER.** A variety of real merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. One of the earliest and most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Strong vines. Pkt., 8c; $\frac{1}{2}$ oz., 18c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.

441. **OXHEART.** A very large variety grown for exhibition purposes. See page 3 for complete description. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.75, postpaid.

437. **PONDEROSA.** The giant tomato. The tomatoes grow in beautiful clusters, oblong in shape, with solid flesh. Color deep purple. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.70, postpaid.

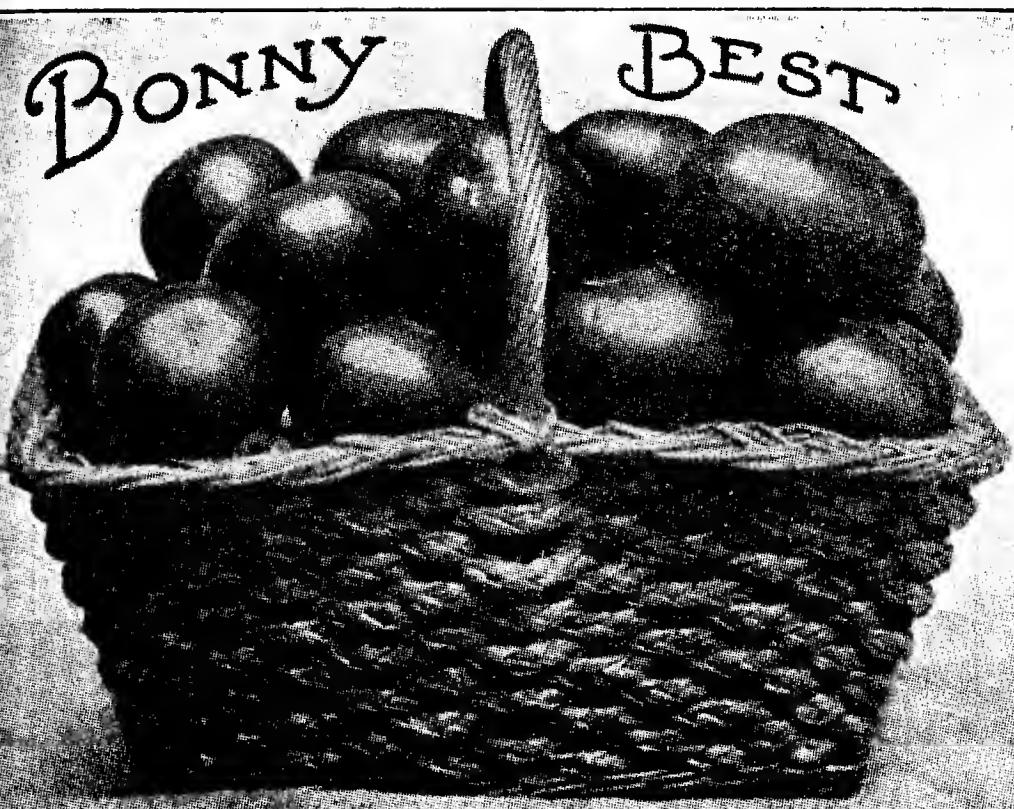
438. **★ENORMOUS.** Also called Beefsteak and Crimson Cushion. Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.65, postpaid.



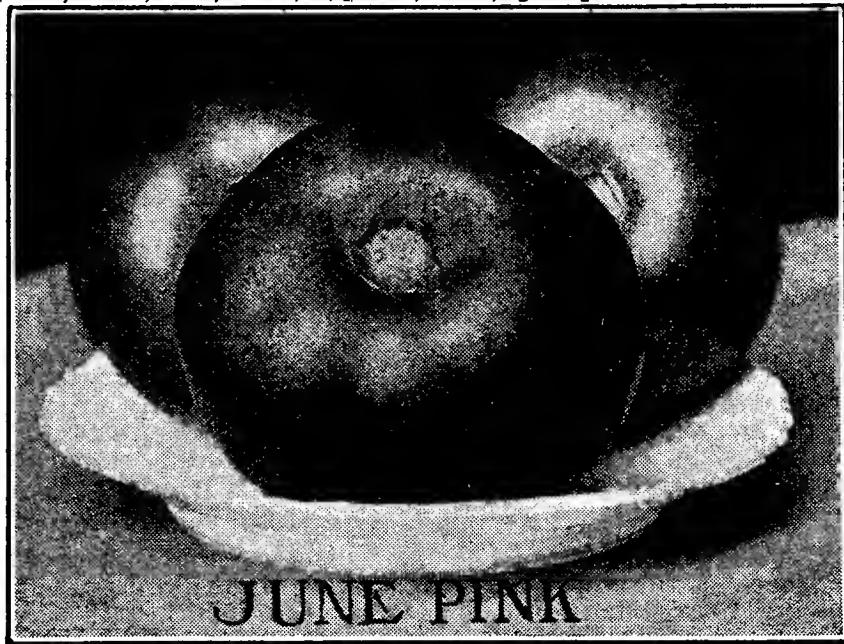
Chalk's
Early Jewel

434. **★CHALK'S EARLY JEWEL.** A fine early variety. Large handsome fruit, smooth, round and solid, with comparatively few seeds, and sweet flavor. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.

OLDS' TOMATOES



444. ★**BONNY BEST.** An extra fine early variety for the home garden. A few days later than Earliana. Color bright red. Vigorous and productive. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.



JUNE PINK

443. ★**JUNE PINK.** The earliest of all pink tomatoes. A good yielder, of high quality, running very smooth for an early sort. The June Pink while an early tomato continues to bear and ripen up to frost. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.30, postpaid.

439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.30, postpaid.



427. ★**NEW STONE.** The standard main crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.

429. ★**MATCHLESS.** A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid. A long keeping variety. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.

430. **DWARF STONE.** One of the best of the dwarf varieties. Fruit smooth, solid and deep scarlet. Plants stocky. A desirable home garden variety. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.30, postpaid.

SMALL FRUITED TOMATOES

Prices, all varieties: Pkt., 7c; $\frac{1}{2}$ oz., 25c; oz., 45c.

455. **GROUND CHERRY** or **HUSK TOMATO.** The small yellow fruit has a flavor all of its own. Protected by the loose fitting outer husk. Plants: Doz., 50c, 50 for \$1.25, postpaid.

446. **YELLOW PEAR.** Fruit a bright handsome yellow. Usually grown for preserves and "tomato figs."

447. **YELLOW PLUM.** Perhaps even more popular for preserves than Yellow Pear. Grows in clusters.

448 $\frac{1}{2}$. **YELLOW CHERRY.** A very small, round, yellow tomato used for preserves.

449. **RED Currant.** Smaller than Yellow Cherry and red in color. Used for pickles, preserves, etc.

TOMATO PLANTS. Dwarf Stone. Doz., 25c; 50 for 90c; 100 for \$1.50, postpaid.

GATOR HIDE MULCH PAPER

Gator Hide Mulch Paper is an extremely tough, durable paper that is being used by many gardeners now with great satisfaction.

WHAT GATOR HIDE MULCH PAPER DOES:

First, Makes cultivation unnecessary.

Second, Holds the moisture in the soil.

Third, Greatly increases the yield.

Use Gator Hide this year for all your vegetables, for your strawberries, your gladioli, etc. Prices are greatly reduced.

Prices: Type A, (for annuals), 18 in. width, 300 linear yards to roll, \$3.00 per roll; 36 in. width, 300 linear yards to roll, \$6.00 per roll.

Type B, (extra heavy, for perennials), 18 in. width, 150 linear yards to roll, \$3.00 per roll; 36 in. width, 150 linear yards to roll, \$6.00 per roll.

Garden Trial Size, 15 yds., 18 in., 65c per roll; by mail, 80c.

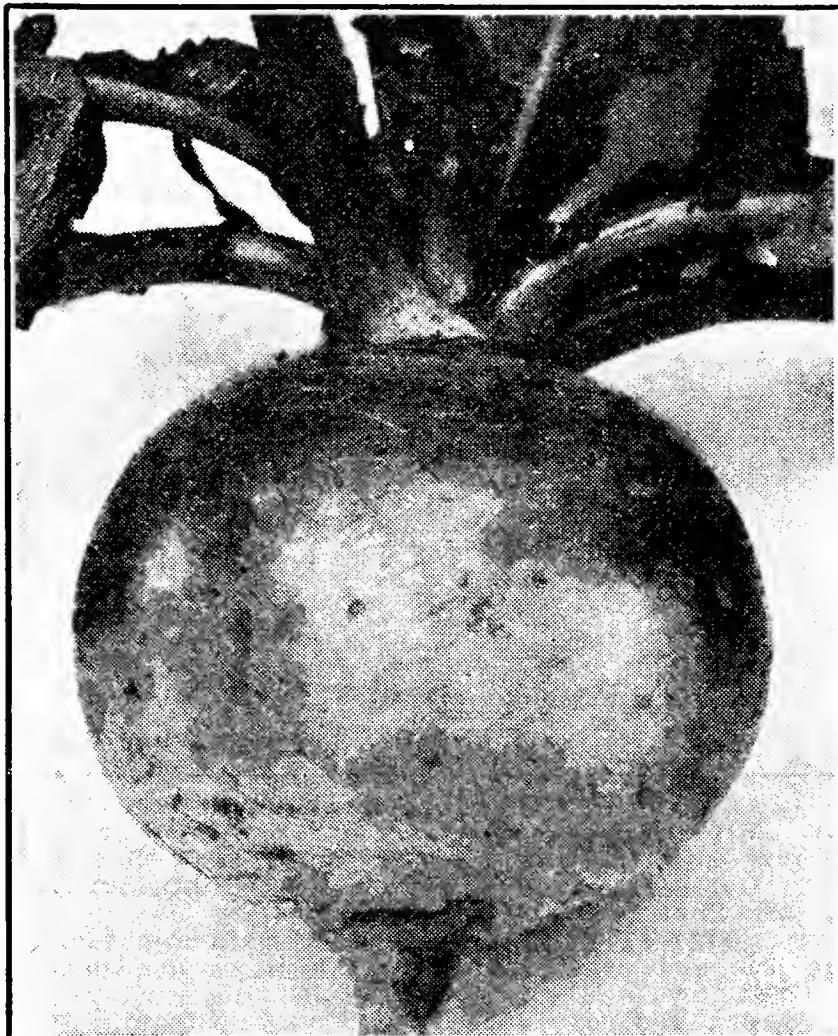
(Ask for 16 page booklet "What Is Gator Hide Mulch Paper?") **SAMPLE SQUARE YARD EITHER TYPE, 15c postpaid.**

The Tomato Plants at the left were Mulch Grown, those at the right were not. Increase in yield, 44%.

OLDS' TURNIPS AND RUTABAGAS

Farmers should grow more rutabagas and turnips. Stock will thrive and gain rapidly when these are included in their feed. Turnips can be sown with oats and other grain and in that way they cost practically nothing. Enormous yields per acre may be obtained. Ask for Wisconsin Bulletin No. 330, "Root Crops are Profitable."

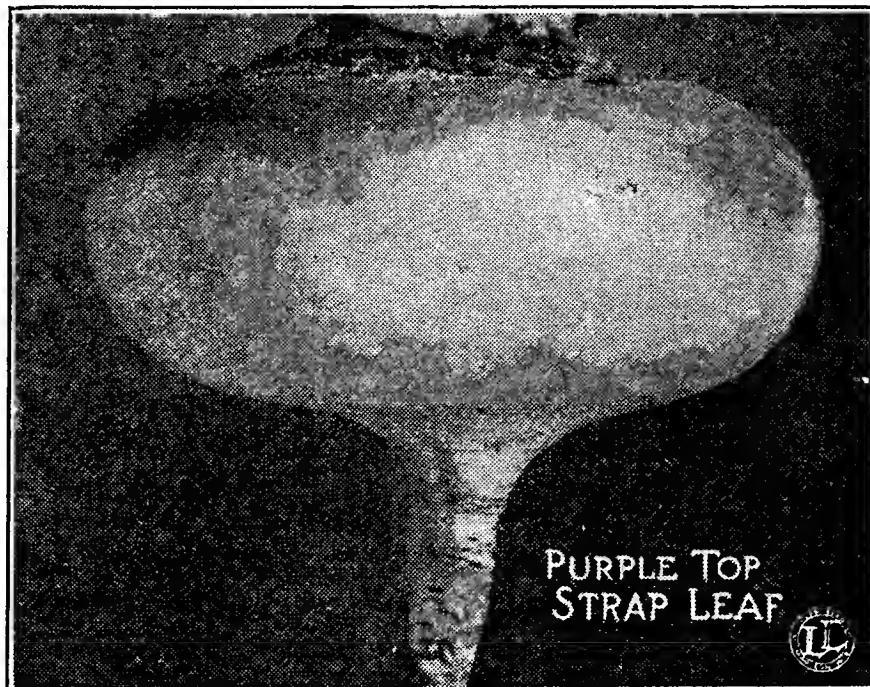
CULTURE: For early turnips sow as soon as the ground can be worked in drills 14 inches apart, rutabagas 30 inches apart. Thin the early varieties of turnips to 6 or 9 inches in the row and rutabagas to about 12 inches. For a fall crop of turnips sow in July or August and for the main crop of rutabagas sow about June 15th. The roots should be harvested before a severe frost and stored in a cool cellar covered with dry soil. A packet will sow 50 feet, one pound an acre in drills and 2 or 3 pounds an acre broadcast. If larger quantities are wanted, see our Market Gardeners' Price List, pages 5 and 6.



Purple Top White Globe Turnip.

465. OLD'S PURPLE TOP WHITE GLOBE. Very attractive in appearance; almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 5c; oz., 10c; 1/4 lb., 18c; 1lb., 50c; 5 lbs., \$1.75, postpaid.

466. OLD'S SNOWBALL. Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 5c; oz., 10c; 1/4 lb., 18c; 1lb., 50c; 5 lbs., \$1.75, postpaid.



PURPLE TOP STRAP LEAF



460. OLD'S PURPLE TOP STRAP LEAF. The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. It makes a wonderful pasture after harvest. Pkt., 4c; oz., 8c; 1/4 lb., 15c; 1lb., 45c; 5 lbs., \$1.60, postpaid. Not prepaid, 100 lbs., \$20.00.

468. SHOGOIN. Japanese Louse Proof. Especially valuable for greens. The leaves of this turnip grow about two feet high which makes it practically free from insect attack, as insects work on the leaves next to the ground. The roots are pure white, flat and globe shape and of fair quality. We recommend this variety largely for greens. Pkt., 5c; oz., 10c; 1/4 lb., 18c; 1lb., 50c, postpaid.

467. COW HORN. Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long. Pkt., 5c; oz., 10c; 1/4 lb., 18c; 1lb., 50c; 5 lbs., \$1.75, postpaid.

474. MIXED TURNIPS. By sowing this well balanced mixture, you are assured turnips of long, round and flat shapes from early summer until winter. Pkt., 3c; oz., 6c; 1/4 lb., 12c; 1lb., 40c; 5 lbs., \$1.40, postpaid.

RUTABAGAS



475. OLD'S IMPROVED PURPLE TOP. This is an improved strain of the well known standard variety. It is a very heavy yielder, and has no tendency to grow long necks as some varieties do. It is very hardy, a fine keeper, and very satisfactory for both table use and stock feeding. Roots are large, globe shaped, with very small tap roots; color bright yellow with a purple top; tender and sweet. Pkt., 5c; oz., 10c; 1/4 lb., 22c; 1lb., 65c; 5 lbs., \$2.30, postpaid.

477. NEW GOLDEN NECKLESS. The roots grow to a large size, and are almost globular in form. The flesh is fine grained, of a yellow color, mild and sweet. Will keep until late in the spring. Pkt., 5c; oz., 10c; 1/4 lb., 22c; 1lb., 65c; 5 lbs., \$2.30, postpaid.

478. WHITE RUSSIAN. An excellent rutabaga for either table use or stock. A good keeper and very desirable in every way. Very large, globular shaped with small neck. Color white with a shade of green at the top. Flesh white, very firm and sweet. The tops are small and strap leaf. Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1lb., 60c; 5 lbs., \$2.15, postpaid.

It Pays to Plant Reliable Seeds

"I did not receive your seed catalog last year. That is why I did not send you an order for seeds. I got seeds from another company and I had the worst garden I have ever had. I was so sorry that I didn't get seeds from Olds."

Mrs. John Geibel, Pa.

"I have used Olds' Seeds for 23 years. They are good." Mrs. Flora J. Hoss, Indiana.

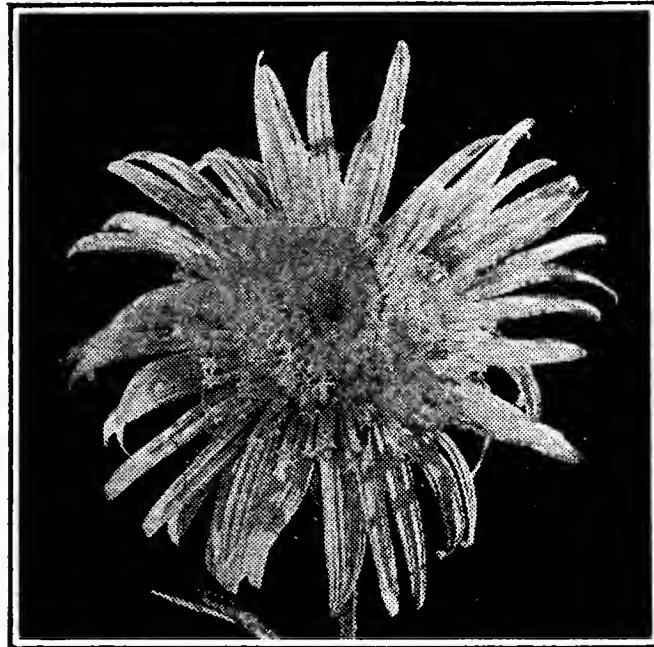


OLDS' IMPROVED PURPLE TOP RUTABAGA

OLDS' RELIABLE FLOWER SEEDS

OLDS' ASTERS

Asters are most desirable of all autumn hardy annuals, for during the early fall when all nature is a riot of reds and yellows, they produce the blues and purples that perfect the color scheme. Plant Asters in new ground each year. All flower seed prices are postpaid prices. Two 10c pkts. of a kind for 15c. The meaning of the initial letter preceding each variety is as follows:
A. indicates an Annual; these grow, bloom and die the first year.
B. indicates a Biennial; these grow the first year and bloom and die the next. Usually self seed.
P. indicates a Perennial; these grow the first year, bloom the second and from year to year thereafter.
H. indicates a Hardy Plant. **H. H.** indicates a Half-Hardy Plant. **T.** indicates a Tender Plant.
 Thus **H. H. A.** would mean Half-Hardy Annual, and **T. P.** a Tender Perennial.



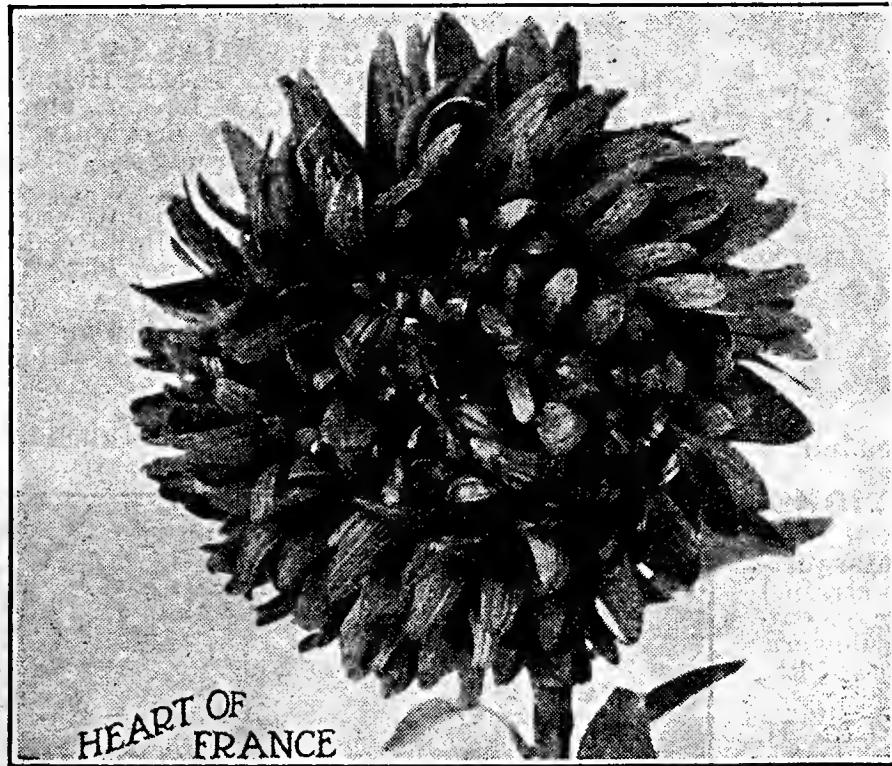
Aster, California Sunshine.

815. **OLDS' CALIFORNIA SUNSHINE.** H. A. An Anemone-flowered type of aster. The flowers have a raised center with the outside petals of a contrasting color. Without doubt one of the finest varieties for cutting on our entire list, and it is also the most resistant to disease. Our strain has extra long stiff stems. This novelty is exceedingly beautiful. Pkt., 10c.

808½. **Giant Blue (Branching).** Almost a pure lavender shade, approaching an azure blue. Pkt., 10c.

809½. **Giant Purple (Branching).** A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c.

812. **Alice Roosevelt.** Large yellow flowers changing to flesh color. Pkt., 10c.



805. **Heart of France.** The best pure red aster ever introduced; flowers large and full, purest ruby. Pkt., 10c.

ASTER PLANTS. Olds' Finest Mixed. 35c per doz., postpaid.



800. **★Olds' Finest Mixed.** This is a mixture of the very best varieties; large flowers, bright colors, a splendid assortment. Pkt., 5c; ½ oz., 35c.

800½. **Royal Mixed (Early Flowering).** A new class of American aster. Very large double flowers with distinctly incurved petals. Pkt., 7c; ½ oz., 45c.

802. **Giant Comet Mixed.** Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c.

802½. **★Olds' Giant Branching (Mixed).** The finest of all asters for cutting. Large, vigorous plants, bearing a great profusion of bloom; immense fluffy flowers. Pkt., 10c; ½ oz., 50c.

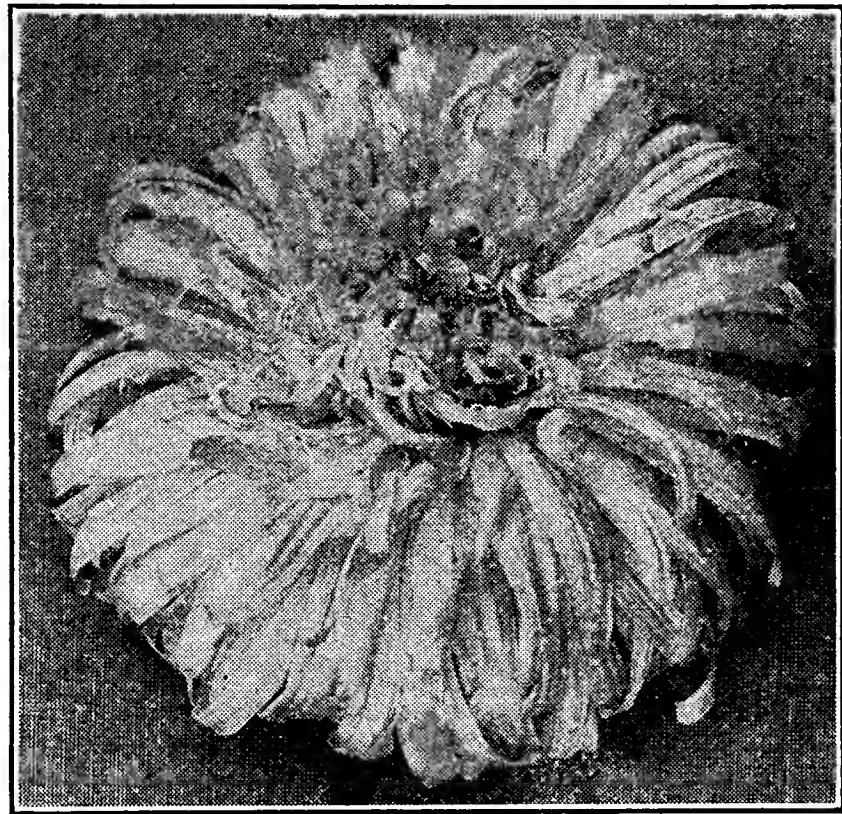
803½. **★Sensation.** This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 10c.

804½. **★Giant White (Branching).** One of the best white asters. Four inches in diameter. Pkt., 10c.

805½. **Giant Shell Pink (Branching).** The best clear light pink. Large flowers, graceful in form. Pkt., 7c.

806. **White Ostrich Plume.** Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness; very suitable for cut flowers. Pkt., 10c.

807½. **Giant Crimson (Branching).** A new variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 5c.



817. **★Olds' California Giant Double, Mixed.** A combination of the sturdy habit of growth and long stems of the Beauty type of Asters with the well-known Ostrich Feather type of large, graceful flowers. The colors are white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 10c.

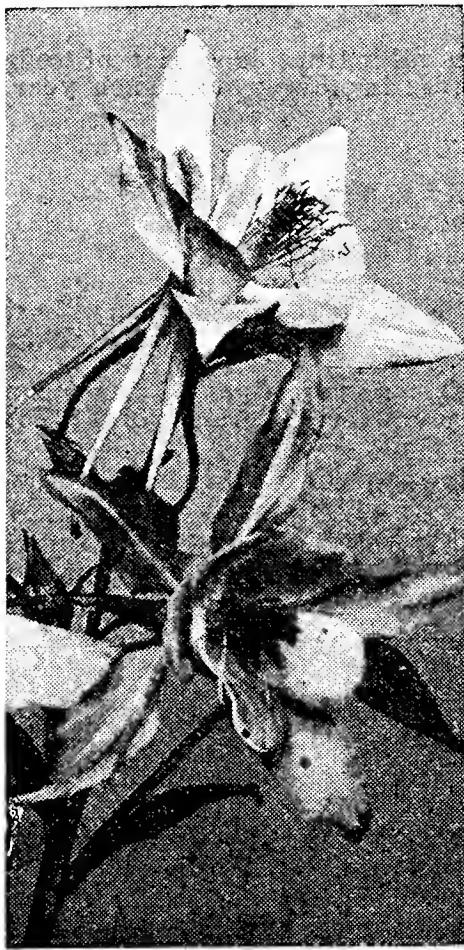
819. **★Olds' Everlasting Aster.** A curious new Aster resembling a Helichrysum. When cut and dried it has the color and shape of an everlasting flower. Plant early in the spring. Pkt., 10c.

"Have used your seeds for years. None better."—Mrs. Wm. Harbaugh, Ill.

HOW TO PLANT FLOWER SEEDS.

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suitable to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of bone meal or Vigoro. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding. If you will do this and will use Olds' Seeds, you may confidently look forward to spring, summer, and autumn enriched by the beauty and fragrance of your own flowers.

OLDS' RELIABLE FLOWER SEEDS



Aquilegia.

845. ★**AQUILEGIA**. (Mrs. Scott Elliott's strain.) H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers, spurred. Pkt., 10c.

880. **CANARY BIRD FLOWER**. H. A. A dainty vine with ornamental cut leaves, and dainty, canary-yellow flowers of curious shape. Pkt., 10c.

890. **CANNA**. H. A. Crozy's Best Mixed. Height, 2 1/2 to 8 feet. Great clusters of brilliant bloom, borne on tall spikes, surmounting broad leaves of green, bronze or purple, giving a tropical effect. Pkt., 10c.

CANNA BULBS. See page 51.

875. ★**CALLIOPSIS**. H. A. Fine Mixed. Showy, yellow flowers that thrive anywhere, some with base of petals of deep maroon. Blooms from summer to fall. Pkt., 5c.

877. **CALLIOPSIS**. H. P. (Coreopsis.) Lanceolata. One of the finest of the hardy perennials. Yellow, daisy-like flowers in great profusion. Pkt., 10c.

COREOPSIS PLANTS. See page 56.

886. **CANDYTUFT**. H. A. Giant White Hyacinth Flowered. Well known, hardy plants, much used for borders and edging. Easy to grow. This new strain is much superior to the old type. Pkt., 5c.

CATHEDRAL BILLS. Pkt., 10c. See Cobaea Scandens, page 43.



Candytuft.

825. ★**AGERATUM**. H. H. A. Dwarf Blue. (Floss Flower, Paint Brush.) One of the best bedding plants, bearing bright blue flowers in greatest profusion from early summer until frost. Pkt., 10c.

831. ★**ALYSSUM, SWEET**. H. A. (Carpet Flower.) Little Gem. Carpet of snow. One of the finest dwarf annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 5c.

833. **ALYSSUM, SWEET**. H. P. Saxatile. A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c.

ANTIRRHINUM. See Snapdragon, page 49.

862. **BEGONIA**. T. P. Single Mixed. The well known perpetual blooming house plant. Easily grown from seed. Pkt., 15c; 2 pkts., 25c.

BABY'S BREATH. See Gypsophila, No. 994, page 44.

855. ★**BACHELOR'S BUTTON**. H. A. (Centaurea, Corn Flower, Blue Bottle, Ragged Sailor, etc.) Mixed. Although not a pretentious plant, Bachelor's Button is one of the popular, hardy, old-fashioned annuals. Pkt., 5c.

BLANKET FLOWER. See Gaillardia, page 45.

BUTTERFLY FLOWER. See Schizanthus, page 49.

860. ★**BALSAM**. H. A. (Lady Slipper or Poor Man's Orchid.) Olds' Camellia Mixed. Produces its gorgeous masses of brilliant colored flowers in great profusion in the axils of the leaves. Very easy to grow. Pkt., 7c.



Sensation Calendula.

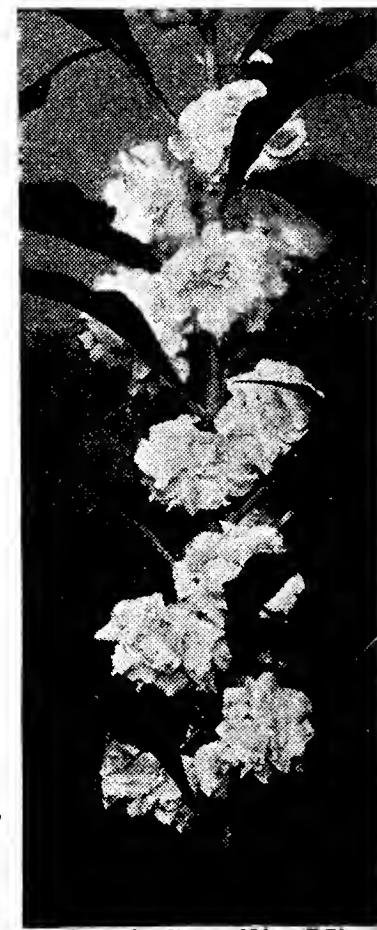
OLDS' CARNATIONS.

900. **CARNATION**. H. H. P. New Giant Marguerite. (Improved strain.) Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 10c.

901. **CARNATION**. H. H. P. Yellow Marguerite. A unique color in carnations. Pkt., 10c.

900 1/2. **CARNATION**. H. P. Dwarf Vienna Mixed. Quite hardy with ordinary protection. Large, double flowers, produced in succession all summer. Pkt., 10c.

StimUpLanT
Makes a
Wonder Garden



"I surely
have always
been pleased
with y o u r
seeds."

Mrs. Albert
Adams, Ohio

Balsam, Olds' Camellia Mixed.

OLDS' CANTERBURY BILLS.

894. **CANTERBURY BILLS**. H. A. Mixed Annuals. Will bloom from seed in one season. See page 4 for complete description. Pkt., 20c; 2 pkts., 35c.

895. **CANTERBURY BILLS**. H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.

896. ★**CANTERBURY BILLS**. H. B. Cup and Saucer. This is a very interesting species of Canterbury Bell, the calyx forming a saucer around the base of the cup like a bell. Pkt., 10c; 2 pkts., 15c.

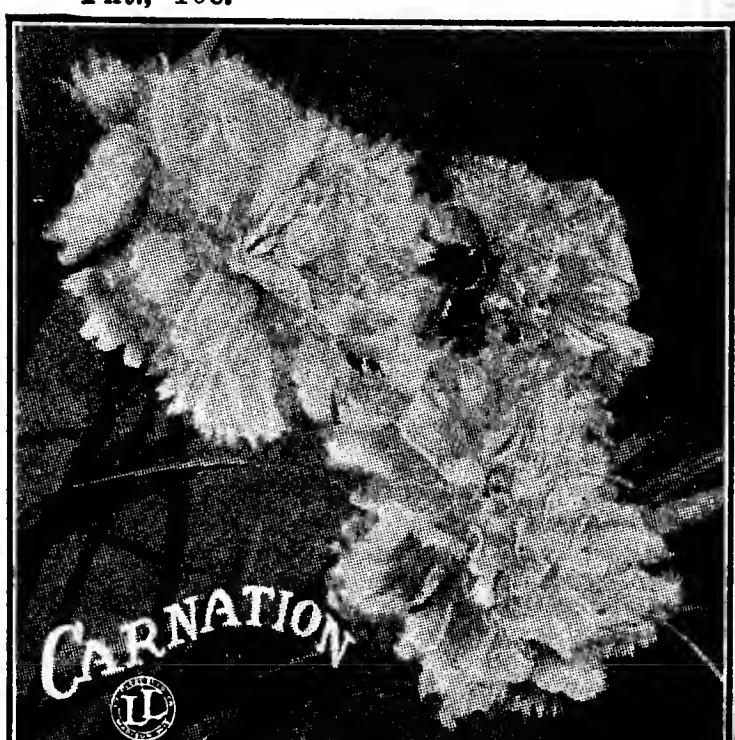
CANTERBURY BILLS PLANTS. See page 56.

OLDS' CALENDULAS.

868. ★**OLDS' CAMPFIRE**. H. A. (Sensation.) Larger blooms than on any variety previously introduced. Of vigorous growth, the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very handsome. Pkt., 10c.

865. **DOUBLE MIXED**. H. A. (Pot Marigold.) Freely flowering plants of easiest culture, succeeding everywhere. Pkt., 5c.

866. **ORANGE KING**. H. A. A very select, double, dark orange-red calendula. Pkt., 10c.



OLDS' RELIABLE FLOWER SEEDS

OLDS' ESCHOLTZIAS OR CALIFORNIA POPPIES.

874. ★RAMONA. H. A. A striking novelty which has been accepted as a very desirable type of fancy Escholtzia. Flowers are ruffled and of a beautiful gold color. In numerous tests the past few years it has become more striking each season. Pkt., 10c.

870. FINE MIXED. H. A. (Escholtzia.) The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Should be in every garden. Pkt., 5c.

872. CARMINE KING. H. A. Beautiful carmine-rose, both inside and out. Pkt., 7c.

873. GOLDEN. H. A. The true wild California Poppy. Largest flowers. Pkt., 5c.

871. ★AUTUMN GLORY. H. A. A new orange yellow, double, California Poppy which is easily grown from seed. Flowers are shaped like early, double tulips. Pkt., 10c.

898. CARDINAL CLIMBER. H. A. A very handsome vine with finely-cut fern-like ornamental foliage; a strong, rapid grower attaining a height of 25 feet, and covered with a blaze of fiery, cardinal red flowers, somewhat resembling small Morning Glories with the bell turned back. Pkt., 10c; 2 pkts., 15c.

CASTOR OIL BEANS. Pkt., 10c. See Ricinus, page 48.

905. CELOSIA. H. A. (Cox-comb.) Ostrich Plume. Very hardy annuals of easy culture, producing large, ornamental, comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 5c.

911. ★CENTAUREA IMPERIALIS. H. A. Sweet Sultan. Beautiful, sweet-scented thistle-like flowers borne on long, strong stems. When cut, will last for days in water. Very easy to grow. Pkt., 5c.

915. CHRYSANTHEMUM. H. A. Single Mixed. Annual varieties. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt., 10c.

CHRYSANTHEMUM PLANTS. See page 57.

919. CLARKIA ELEGANS. H. A. Mixed. Bright and attractive annuals of easy culture. They grow about 2 feet high, bear profusely; pretty double flowers carried on long, graceful sprays. Flowers resemble sprays of flowering almond. Pkt., 10c.

920. COBAEA SCANDENS. H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season; fine for covering porches, trellises, arbors, tree-trunks, etc.; will cling to any rough surface. In sowing, plant the seed edgewise, in flats in March or April. The large bell-shaped flowers are first green, then turn to a beautiful purple. Pkt., 10c.

COXCOMB. See Celosia, above.

933. CYCLAMEN. T. P. Giant Flowered. A charming house plant with rich-colored flowers, whose beauty of form is enhanced by the reversed petals. Difficult to grow from seed. Pkt., 15c.

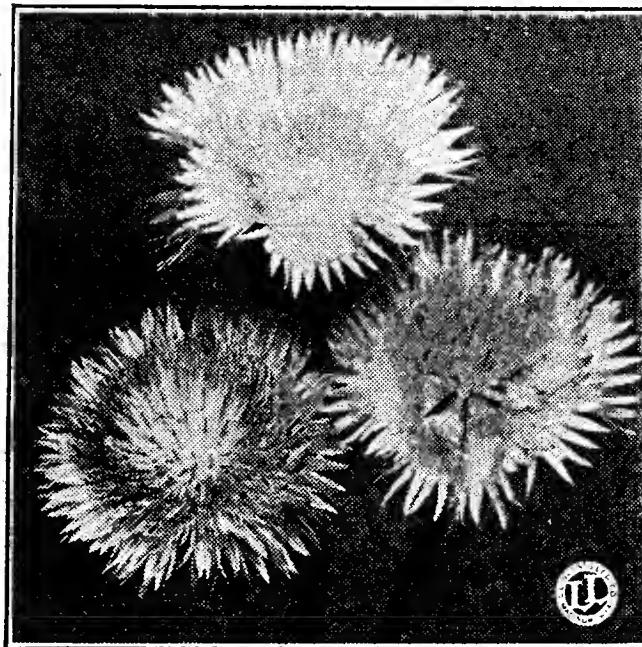
930. CYPRESS VINE. H. H. A. Mixed. Unexcelled for training up a light trellis. Bears many star-shaped scarlet or white blossoms; finely cut leaves. Pkt., 7c.

934. CYNOGLOSSUM—AMABILE. H. A. This new Chinese Forget-Me-Not forms erect bushes 18 inches high covered with beautiful brilliant blue, fragrant flowers. Blossoms from May to October. Fine for the border. Very easy to grow. Pkt., 5c.

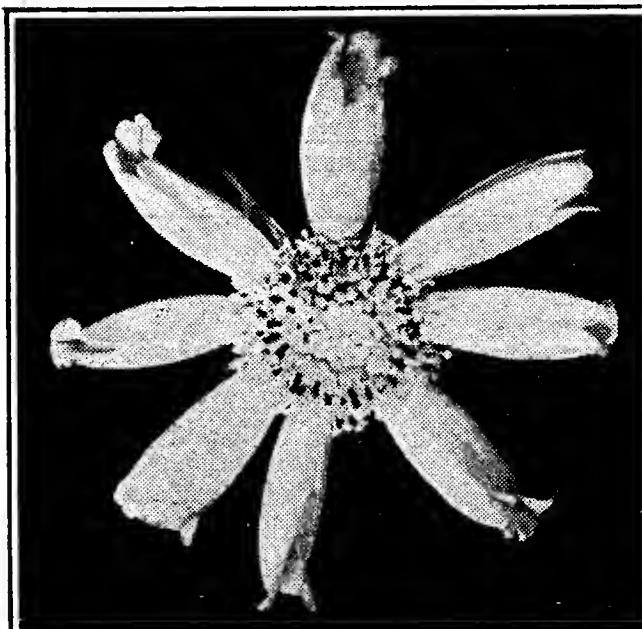
Order some
of the
newest
flowers.
See page 4.



Escholtzia, Ramona.



Centaurea Imperialis.



Cosmos, Hollywood Star.

OLDS' COSMOS.

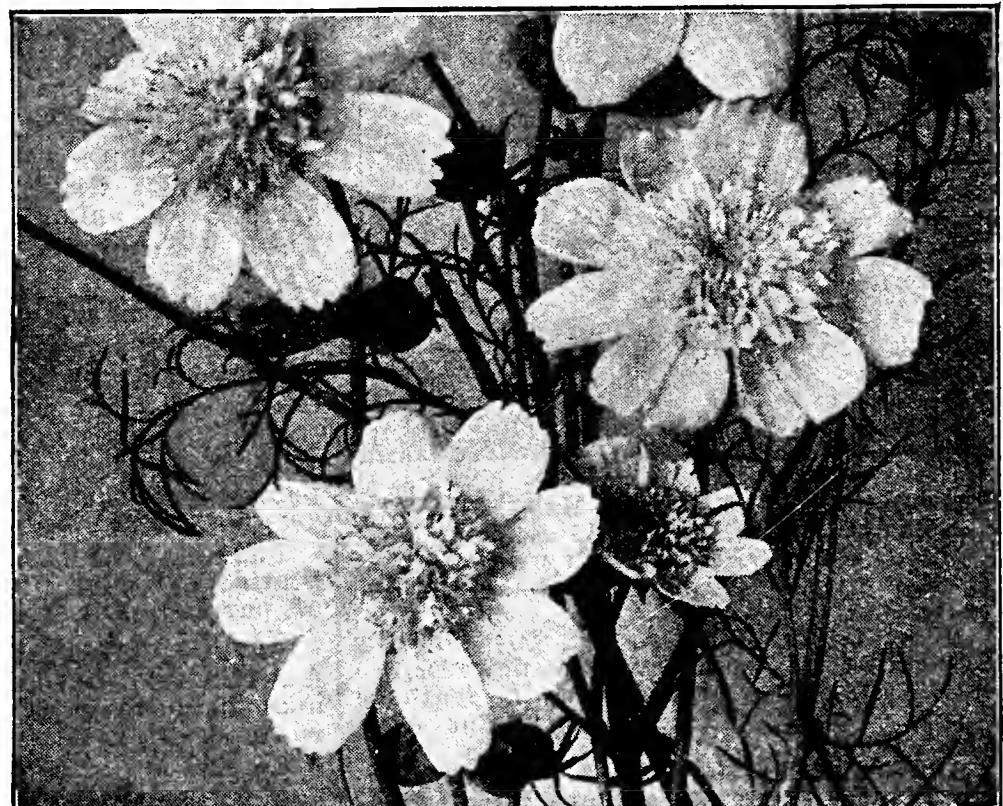
925½. Double Early Flowering Mixed. H. A. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 10c.

924. Olds' Hollywood Star. H. A. This curious shaped Cosmos is indeed a rare novelty. See illustration above. Very useful for cut flowers. Pkt., 10c.

926½. ★Extra Early Colossal Mixed. H. A. The Cosmos for the northern latitudes. The plant is graceful and delicate, the flowers single and as large as the late blooming kinds. Pkt., 10c; oz., 50c.

DELPHINIUM. Pkt., 10c. See page 46.

958. DIGITALIS. H. P. (Foxglove.) Giant Shirley Mixed. Handsome spikes of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. Pkt., 10c.



Cosmos—Double Early Flowering Mixed.

OLDS' RELIABLE FLOWER SEEDS



GOLDEN
ORANGE
DAISY

OLDS' DAISIES

944½. Golden Orange. H. A. A showy African Daisy with large, glossy, orange-red flowers. Pkt., 10c.

940. Fine Mixed. H. P. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 5c.

943½. Arctotis. H. A. (Blue-Eyed African Daisy.) Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver white with blue eyes. Underside of petals bluish. Pkt., 5c.

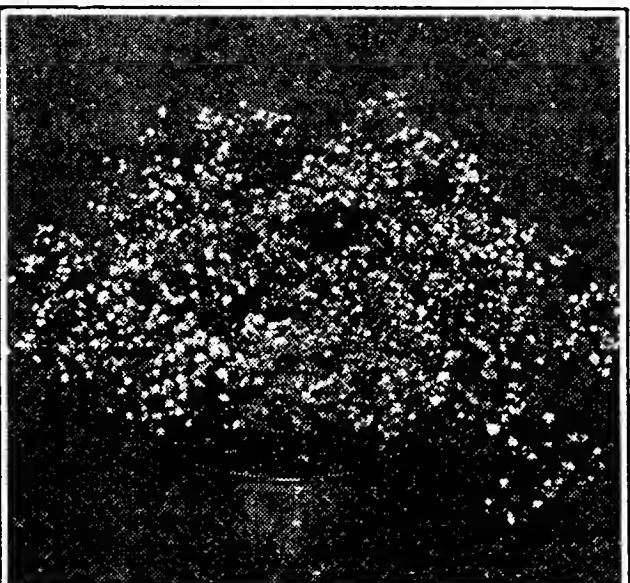
944. Shasta. H. P. (Giant Alaska.) A splendid, hardy perennial producing, on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. See page 56. Pkt., 10c.

942. DINORPHOTHECA. H. A. Mixed Hybrids. Commonly called Showy African Daisy. See illustration above. Our mixture contains many beautiful shades of yellow, salmon, gold and white. Pkt., 10c.

DAISY PLANTS. Page 56.

945. PYRETHRUM, Roseum. H. P. (Painted Daisy.) A valuable, early summer flower. Charming shades of pink and red daisy-shaped flowers blooming freely in May and June, often blooming again in the fall. Pkt., 10c.

960. DOLICHOS. H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms and pods are very ornamental. Pkt., 10c.



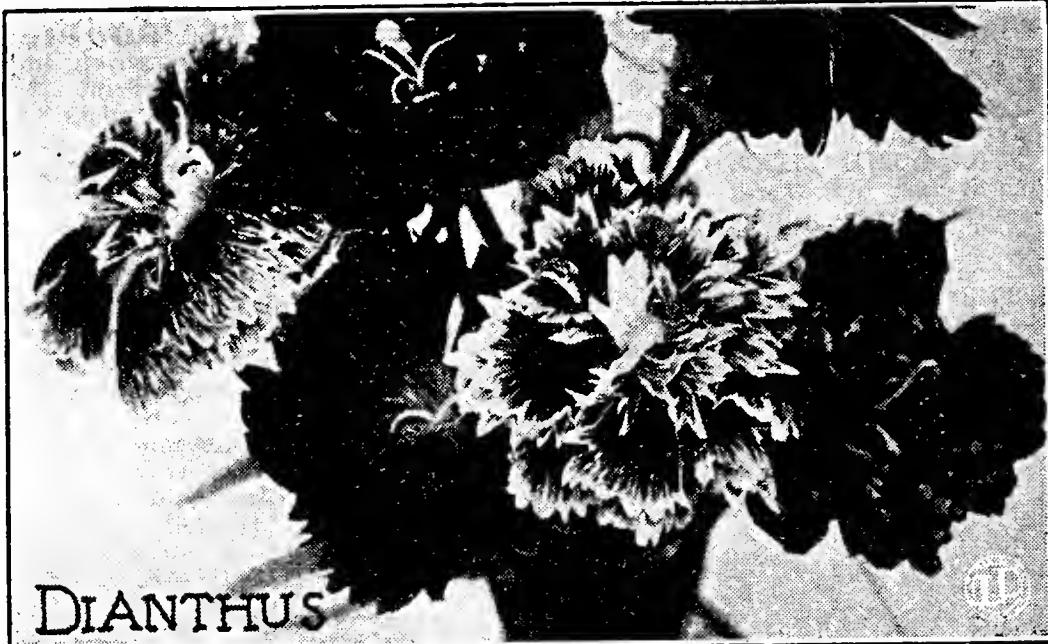
Gypsophila Paniculata or Baby's Breath.

GYPSOPHILA PLANTS. See page 57.

994. GYPSOPHILA, Elegans. H. A. Similar to the perennial Gypsophila but an annual. Pkt., 10c.

993. GYPSOPHILA. H. P. (Baby's Breath.) Paniculata. The flowers are small, star-like, and borne in feathery sprays. May be used for winter also. Pkt., 10c.

1026. LUNARIA. H. A. (Silver Dollar Plant.) The flowers are purple, followed by silvery seed pods which make wonderful winter decorations. Pkt., 10c.



DIANTHUS

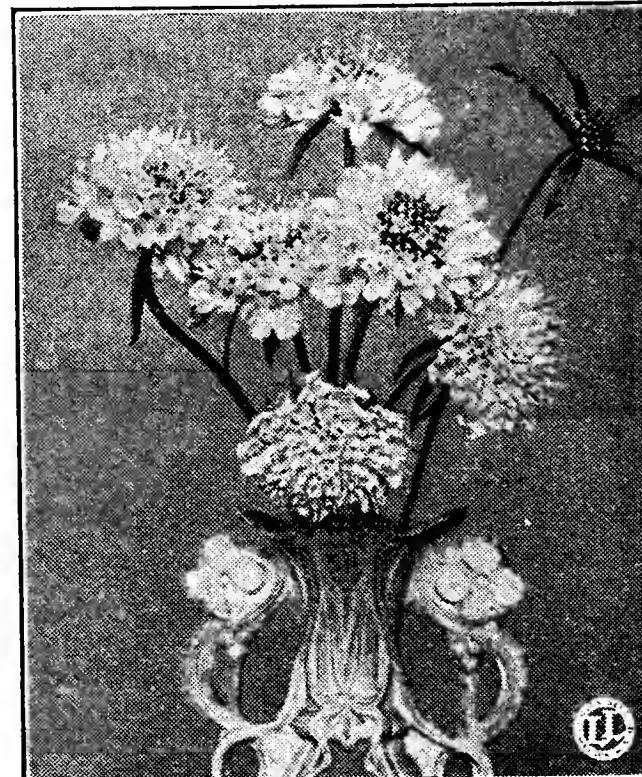
950. DIANTHUS. H. A. (Pinks.) Mixed. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form stripes, bands and markings and are very beautiful. Pkt., 5c.

957. DIANTHUS. H. P. Plumarius. (Clove Pink.) A beautiful, hardy perennial single pink with fringed edged flowers in various colors. Pkt., 10c.

"Garden seeds received from you in the past could not be beat." —G. F. Eck, Ohio.



Linaria.



Didiscus.

959. DIDISCUS, Coeruleus. H. A. (Blue Lace Flower.) A beautiful blue-flowering annual growing about 3 feet tall. Very fine for cutting. Pkt., 10c.

997. GOMPHRENA. H. A. Best Mixed. (Globe Amaranth.) A showy annual everlasting or straw flower, much like a large clover blossom. Pkt., 10c.

OLDS' RELIABLE FLOWER SEEDS



Hardy Perennial Gaillardia.

986. ★**GAILLARDIA.** (Blanket Flower.) H. P. Hardy Perennial Mixed. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Grows about 2 feet tall. Pkt., 10c.

985. ★**GAILLARDIA.** H. A. Double Mixed. The annual Blanket Flower—reds and yellows. Pkt., 10c.

983. **GAILLARDIA.** H. P. Tangerine. A new variety of Gaillardia, very striking. The color is rich tangerine or orange red. Pkt., 10c.

984. **GAILLARDIA.** H. P. Dazzler. Another new Gaillardia, a re-selected strain of the giant perennial Gaillardia. It is exceptionally large, dark red with the petal tips of bright orange. The best giant red offered today. Pkt., 10c.

GAILLARDIA PLANTS. See page 57.

987. **GERANIUMS.** T. P. Mixed. Blooming plants can be grown from seed the first year. Pkt., 15c.

GERANIUM PLANTS. See page 58.



Dahlia, Improved Coltness Hybrid.

936. **DAHLIA.** H. A. Improved Coltness Hybrid. A dwarf, compact, single-flowered Dahlia easily grown from seed. Attains a height of 1 to 1½ feet. Will produce flowers freely throughout the season of many vivid and striking shades. Pkt., 10c; 2 pkts., 15c.

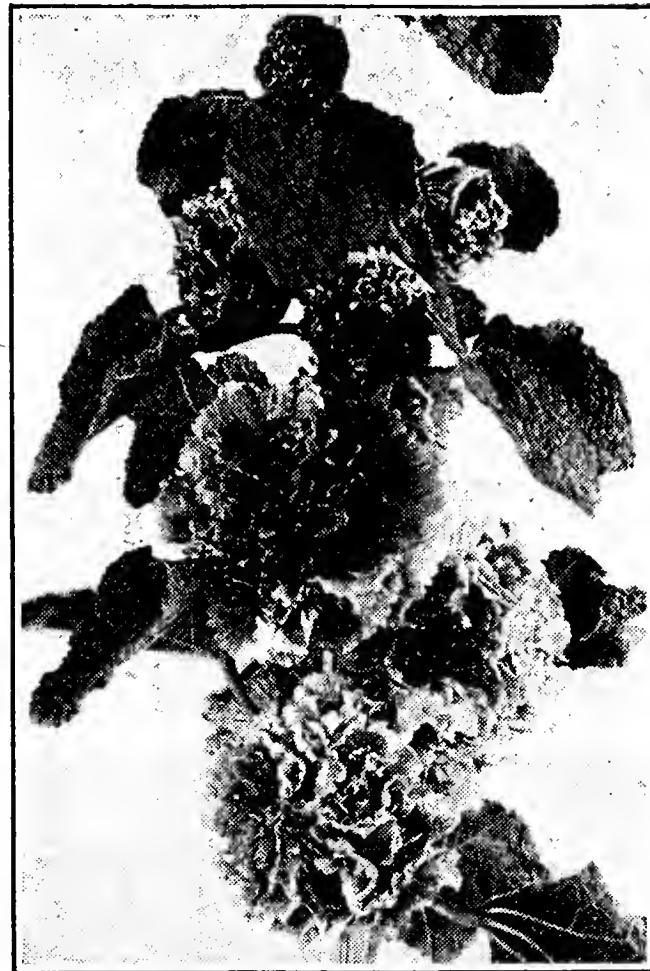
935. **DAHLIA.** H. A. Double Mixed. Large flowering. Dahlias can be grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 10c.

DAHLIA BULBS. See page 54.

970. **FORGET-ME-NOT.** H. A. (Myosotis.) One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 7c.

975. **FOUR O'CLOCK.** H. A. (Marvel of Peru.) Mixed. Handsome, free-flowering, many colored blossoms. A good, old-fashioned flower of hardy habit, very charming as a hedge plant. Pkt., 5c; oz., 25c.

995. **GOURDS.** T. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Pkt., 5c.

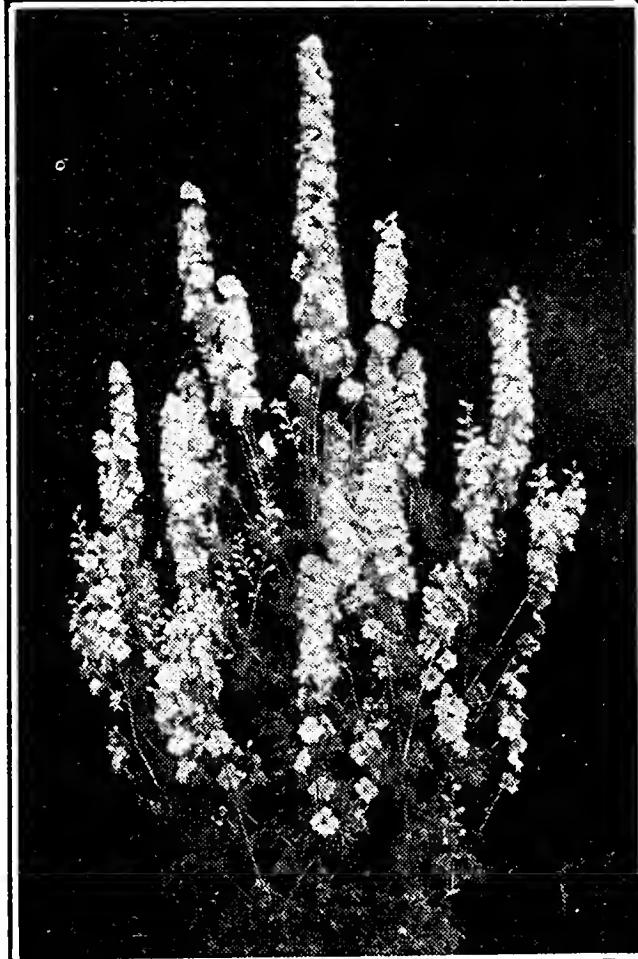


Hollyhock, Olds' Exquisite.
OLDS' HOLLYHOCKS.

1006. **OLDS' EXQUISITE.** B. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white margined petals, each adorned with a large blotch of various shades of red. Pkt., 15c.

1005. ★**HOLLYHOCK.** H. P. Chater's Double Mixed. Stately stalks of velvet bloom. Giant flowers of red and pink and white. Pkt., 10c.

1007. ★**HOLLYHOCK.** Annual Mixed. Tall spikes of satiny mallow flowers throughout the summer. Pkt., 5c.



Larkspur, Olds' Los Angeles.

OLDS' LARKSPURS.

1018. **OLDS' LOS ANGELES.** H. A. Similar to La France, but larger and with a deeper color. In this variety we have the rich salmon ground of La France overlaid with a brilliant and pleasing rose. The type of growth is similar to La France, but the foliage is a much darker green. Pkt., 10c.

1015. ★**LARKSPUR.** H. A. Fine Mixed. Tall, old-fashioned spikes of blue. Pkt., 10c.

1016. ★**LARKSPUR.** H. A. La France. Salmon-pink shade of the stock flowering type. Pkt., 10c.

OLDS' RELIABLE FLOWER SEEDS

990. **GODETIA.** H. A. Best Mixed. A very pretty annual which should be more largely and more extensively grown. Attains a height of about 1½ feet. The flowers have a satiny texture with many beautiful colors. A profuse bloomer. Does well in poor soils. Pkt., 5c.

969. **EUPHORBIA.** H. A. (Snow on the Mountain.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Splendid for bouquets. Pkt., 5c.

1000. **HELIOTROPE.** H. H. P. Choice Mixed. Blooms from seed the first year. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 10c.

1010. **HUMULUS.** H. A. *Japonicus.* (Japanese Hop.) A fine porch vine. Makes a rapid growth. Heat, drouth, and insects will not affect it. Pkt., 10c.

1025. ★**LOBELIA.** H. A. Dwarf Blue. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Pkt., 10c.

1020. **LATHYRUS PERENNIAL SWEET PEA.** H. P. Similar to the annual kind but continuing year after year. Pkt., 10c.

DELPHINIUM (PERENNIAL LARKSPUR)

1019. ★**OLDS' HOLLYHOCK STRAIN MIXED.** H. P. This is the finest of all types of Delphiniums. This mixture contains all of the colors in Delphiniums including both double and single flowering varieties. Individual blooms have actually measured three inches across. Plants are from 5 to 6 feet tall. Planted this summer they will bloom next year and every year thereafter. Pkt., 20c; 2 pkts., 30c.

1017. **DELPHINIUM.** H. P. *Belladonna.* Spires of finest blue. This hybrid strain is of wonderful beauty; growing to 6 feet in height. Pkt., 10c.



1013. ★**KOCHIA.** (Annual Evergreen.) H. A. Mexican Fire Bush. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Pkt., 5c.

OLDS' MARIGOLDS

1030. ★**MARIGOLD.** H. A. Mixed French. The favorite, dwarf, highly-colored variety. Pkt., 10c.

1030½. **MARIGOLD.** H. A. Tall Double French Mixed. Much taller than the French Dwarf mixed. Grows to a height of about 30 inches. Colors, yellow, cream, orange and rusty brown. Pkt., 7c.

1031. **MARIGOLD.** H. A. Lemon Queen. Large, double-quilled African Marigolds. Very showy. Pkt., 10c.

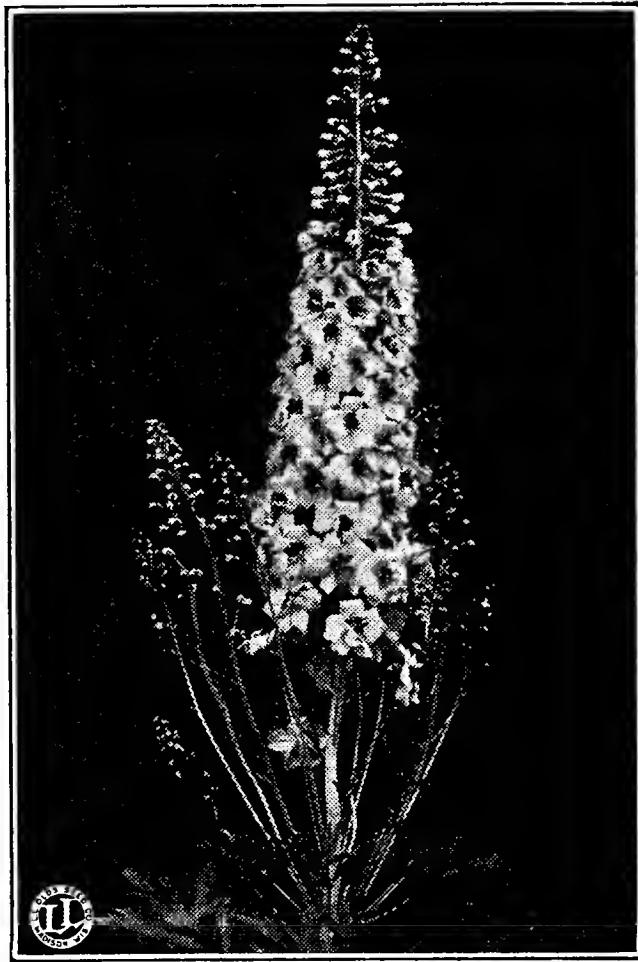
1031½. **MARIGOLD.** H. A. African Mixed. An exceptionally fine, tall branching strain bearing enormous flowers of the quilled type. Pkt., 10c.

1032. **MARIGOLD.** H. A. *Tagetes Signata Pumila.* (Border Marigold.) A miniature marigold, 6 to 8 inches high, completely covered with bright orange flowers. Very striking for edgings. Pkt., 5c.

1034. **MARIGOLD.** H. A. Guinea Gold. A new variety of Marigold of distinct type and color. We consider this the outstanding novelty introduced this year. See page 4 for complete description. Pkt., 15c; 2 pkts., 25c.

OLDS' AMAZEMENT FLOWER GARDEN

This mixture is made up of many attractive and easily grown annuals. Some of the varieties are standard favorites, while many are little known but beautiful flowers. Our "Amazement Garden" will please you with a succession of bloom from early spring until late fall. Pkt., 5c; ½ oz., 15c; 1 oz., 25c.



"Have used your seeds for several years and think they are fine. Especially the cabbage seeds."
Mrs. Wilbur Werrick, Ohio.

Delphinium, Olds' Hollyhock Strain.

1040. **MOONFLOWER.** H. A. Mixed. A fine, ivy-leaved climber, covered every evening and cloudy day with large, fragrant flowers. Pkt., 10c.

1035. **MIGNONETTE.** H. A. Mixed. Of dwarf, pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 7c.

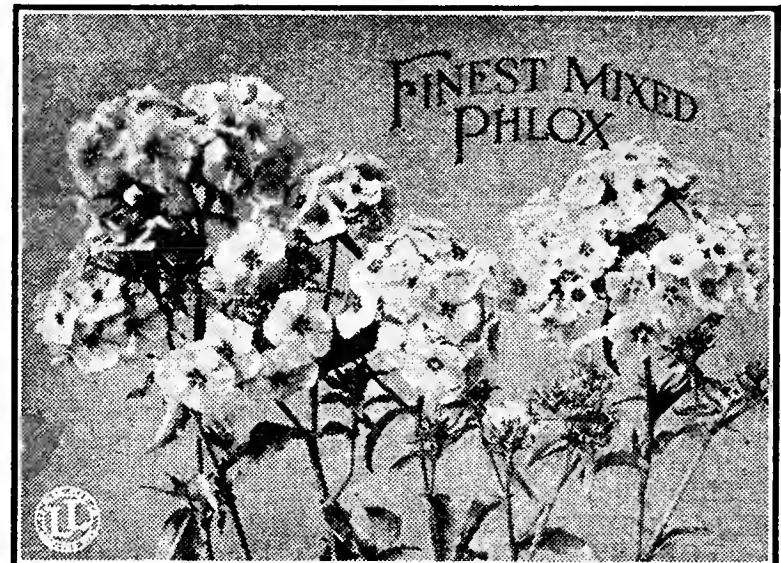
1045. **MORNING GLORY.** H. A. Imperial Japanese. A wonderful array of color—pure white through all shades of blue and red to the darkest purple. Pkt., 10c; oz., 30c.

1047. **MORNING GLORY.** H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Fine for porches. Pkt., 5c; oz., 20c.

OLDS' ANNUAL FLOWER GARDEN 12 PKTS. FOR 40c, POSTPAID

This collection is composed of a full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until frost.

Alyssum, Little Gem.	trich Plume.
Snapdragon, Giant Fragrant.	Cosmos, Extra Early Colossal Mixed.
Bachelors Button, Mixed.	Dianthus, Mixed.
Balsam, Olds' Camelia Mixed.	Four o'Clock, Fine Mixed.
Calendula, Double Mixed.	Marigold, Mixed Dwarf French.
Calliopsis, Fine Mixed.	Poppy, Olds' Finest Mixed.
Celosia (Cockscomb), Os-	



1110. ★**PHLOX.** H. A. Olds' Finest Mixed. A splendid mixture of pleasing colors and varieties. Pkt., 10c.

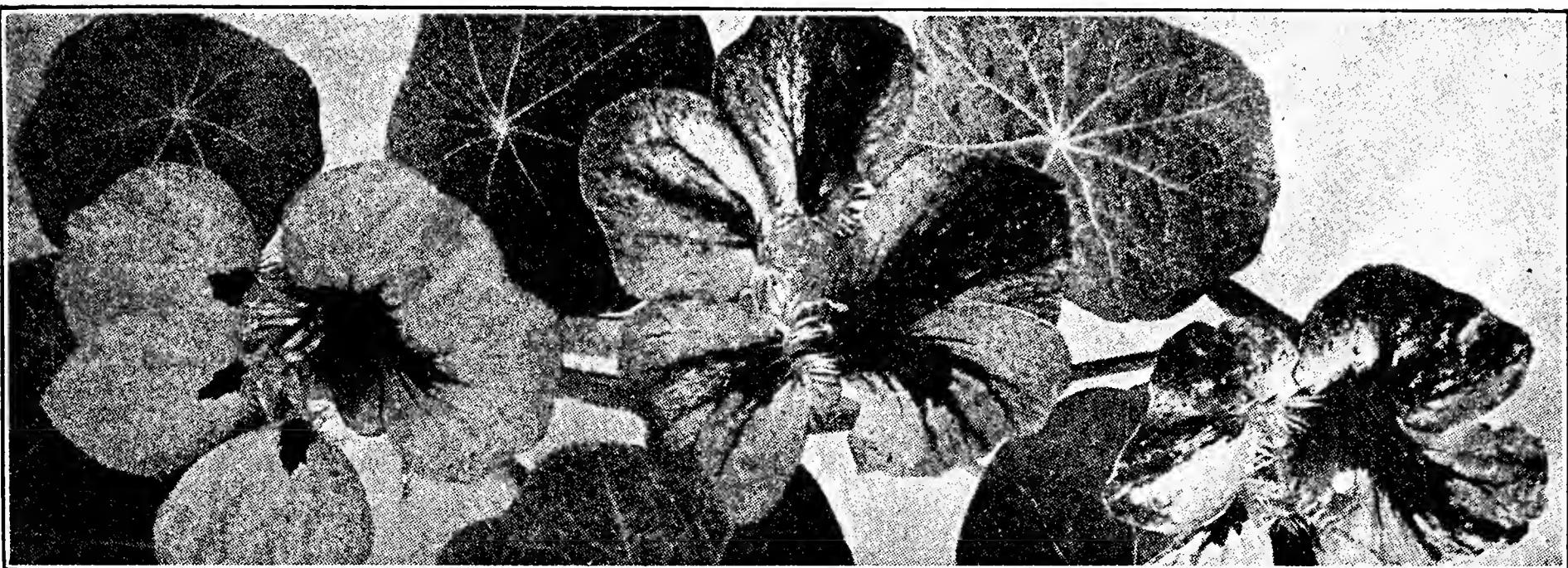
1114. **PHLOX.** H. A. Starred and Fringed. Pretty star-like flowers of many colors, some fringed. Pkt., 10c.

1115. **PHLOX.** Decussata Mixed. H. P. Seed from the newest varieties of perennial phlox. Pkt., 15c; 2 pkts. for 25c.

PHLOX ROOTS. See page 57.

OLDS' RELIABLE FLOWER SEEDS

OLDS' NASTURTIUMS



Olds' Tall Mixed Nasturtiums.

1060. ★**NASTURTIUM.** Olds' Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. Olds' Tall Mixed Nasturtiums are the freest bloomers and produce the largest flowers. Keep them picked and then they will keep blooming. Large pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25, postpaid.

1050. ★**NASTURTIUM.** Olds' Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds and for borders. Olds' Dwarf Mixed comprise a wonderful assortment of rich and varied shades. Large pkt., 5c.; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

1055. **NASTURTIUM.** Olds' Golden Gleam. Our 1932 novelty. A double-flowered, sweet-scented Nasturtium which is readily produced from seed. A truly remarkable introduction. It has proven satisfactory in all parts of the country. We are sure you will be pleased with it. Fine for window boxes. Note page 4 for complete description. Pkt. (35 seeds), 15c; 2 pkts., 25c.



Olds' Giant Prize Mixed Pansies.

OLDS' PANSIES

1075. Olds' Giant Prize Mixed. P. The Pansy with the largest, richest, best-formed flowers of any Pansy we have ever seen, ranging in color from pure white through bronzes, browns, yellows and blues to the deepest purple-black. Pkt., 25c; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50; 1 oz., \$6.00.

PANSY PLANTS. 50c per doz., postpaid.

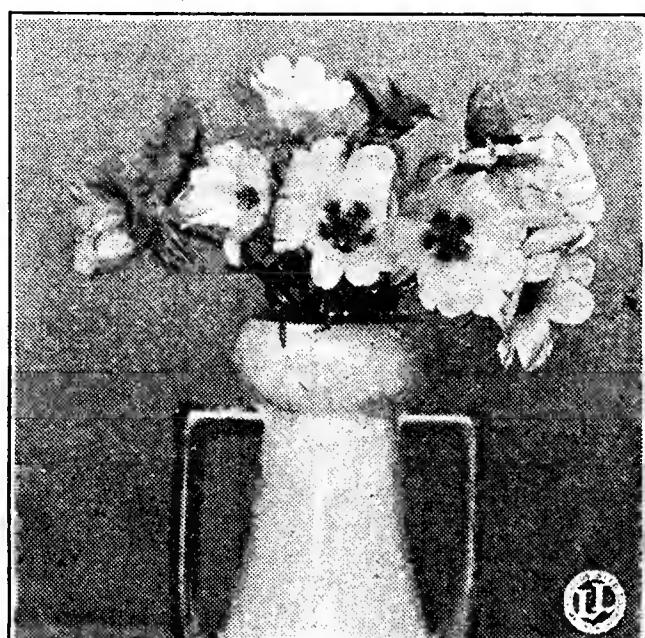
1079. ★Giant Trimardeau Mixed. P. An extraordinary strain of Pansy. Very large flowers. Pkt., 10c; 2 pkts., 15c; $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.50; 1 oz., \$2.75.

1083. March-Flowering. P. These Pansies are very desirable, owing to the extreme hardiness of the plants and their early-flowering habit. Pkt., 10c.

PORTULACA (ROSE MOSS)

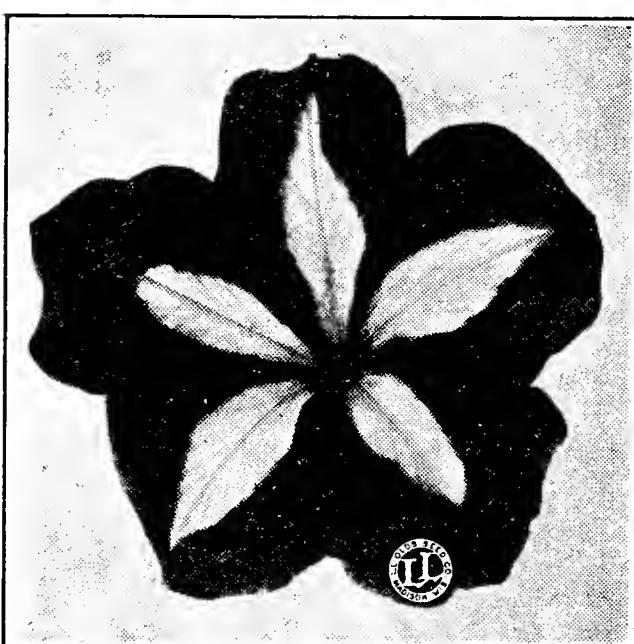
1130. PORTULACA. H. A. Double Mixed. (Rose Moss.) Small, fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 10c; $\frac{1}{4}$ oz., 90c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50.

1131. ★PORTULACA. H. A. Single Mixed. Even more beautiful than the double. Fine for edging or bedding. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 65c.



Portulaca, Single Mixed.

OLDS' RELIABLE FLOWER SEEDS



Petunia, Star of California.



Ricinus (Castor Bean).

1140. **RICINUS.** H. A. (Castor Bean.) Stately, ornamental plants 8 to 10 feet tall, with picturesque foliage, giving a tropical effect. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

1142. **ROSA MULTIFLORA.** P. Dwarf roses from seed. Little bushes covered with miniature fairy roses. Pkt., 10c.



Rosa Multiflora.

OLDS' PETUNIAS



1100. **★Olds' Finest Mixed.** H. A. The largest and richest of all Petunias. Start plants in flats or window boxes. Pkt., 20c; 2 pkts., 35c.

1102. **Choice Mixed.** H. A. Will produce an abundance of small, bright flowers. Pkt., 10c.

1103. **★Rosy Morn.** H. A. Compact plants bearing a profusion of beautiful flowers $1\frac{1}{2}$ inches in diameter, with throats of silvery-white, the rest heavily flushed with soft rosy pink. Excellent for porch boxes and bedding. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

ROSY MORN PETUNIA PLANTS. Doz., 40c; 50 for \$1.25, postpaid.

1104. **★OLDS' BALCONY PETUNIA.** Star of California. H. A. This is a magnificent Petunia of the balcony type. Bred with extremely long branches. The flowers are a rich velvety violet with a touch of crimson, starred with five pure white blotches. The effect in window boxes or hanging baskets is dazzling. In some localities this variety will not bloom true. However, it is well worth trying. Pkt., 15c; 2 pkts., 25c.

1107. **Olds' Purple Balcony Petunia.** H. A. A fine Petunia for bedding or window boxes. The color is a deep purple which blends well with red geraniums and other bedding plants. Pkt., 15c; 2 pkts., 25c.

1108. **Olds' Carnation Flowered.** H. A. Resembles a double carnation. The flowers are light rose. Will usually bloom 15 to 20 per cent double from seed. Pkt., 25c.

1109. **Double Mixed.** H. A. A splendid mixture of beautiful large-flowering, fringed and waved Petunias. Will produce 20 to 30 per cent double flowers. Pkt., 25c; 2 pkts., 40c.

"I can always depend on good seeds from Olds and will always depend on you for my seed crop."—Alonzo A. Ward, Wis.

OLDS' POPPIES

1120. **Olds' Finest Mixed.** H. A. A fine blend of many handsome shapes and sizes; many are double and shaped like a ball, in white, pink and red; massive Carnation Poppies and dainty Shirleys. Pkt., 7c.

1121. **Improved Carnation.** H. A. Splendid, large, double flowers of many shades. Pkt., 5c.

1122. **Re-selected Shirley.** H. A. Silk or Ghost Poppies. Beautiful satiny flowers. Pkt., 10c; 2 pkts., 15c.

1127. **Flanders.** H. A. Vivid scarlet-red. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 5c.

1128. **Iceland Mixed.** H. P. Hardy perennials blooming the first season. Bright, fern-like, evergreen foliage. Pkt., 10c; 2 pkts., 15c.

1128½. **Red Oriental.** H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. See illustration on page 56. Pkt., 10c; 2 pkts., 15c.

"I have used your seeds for fifteen or more years and always am satisfied."—Mrs. G. L. Webster, N. D.

"The poppies I got from you last year were the prettiest I ever saw."—Mrs. C. F. Fisher, Va.



OLDS' RELIABLE FLOWER SEEDS



Salvia or Scarlet Sage.

"I bought the dollar collection last year and had wonderful results."—Mrs. Harriet Gamble, Penn.



Snapdragon.



Olds' Large Flowering Stocks.

1150. **★SALVIA.** America. H. A. This variety grows 14 inches tall and is the best and most continuous bloomer of all the Salvias. Very uniform in habit of growth, making it ideal for bedding. Pkt., 15c; 2 pkts., 25c.

1152. **SALVIA.** Fireball. H. A. Taller than the America, growing about 18 inches in height with numerous flowering spikes of fiery scarlet. The plant branches freely and side shoots often produce 4 to 5 flowering spikes each. Pkt., 10c.

OLDS' SNAPDRAGONS

840. **SNAPDRAGON.** H. A. (Antirrhinum.) Dwarf Mixed. Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected until, when the improved new varieties appeared, they suddenly became popular again. The brilliant blooms remain through the summer and fall. Pkt., 10c; 2 pkts., 15c.

841. **SNAPDRAGON.** H. A. (Antirrhinum.) Giant Fragrant. (Maximum Strain.) Grows 3 feet tall with long stalks of large flowers, two to three inches across. Our strain is the largest of all. Pkt. 7c.

843. **SNAPDRAGON.** H. A. (Antirrhinum.) Pink Beauty. A beautiful rose pink variety. Pkt., 10c.

SNAPDRAGON PLANTS: Dwarf Mixed. Doz., 30c; 50, \$1.00, postpaid.

1156. **SCABIOSA.** H. P. Caucasica Hybrid. A perennial Scabiosa and a great improvement over the older types, being more vigorous and larger with longer stems and larger petals. The petals are ruffled and slightly frilled on the edges. The colors in this strain range from white to the darkest blue. Pkt., 10c.

1155. **SCABIOSA.** H. A. Double Mixed. (Mourning Bride.) Sometimes called Pincushion. A variety of soft colors and shades. Easy to grow. Makes beautiful bouquets. Pkt., 7c.

1160. **SCHIZANTHUS.** H. A. (Butterfly Flower.) One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many colored flowers that the foliage is almost concealed. Pkt., 7c.

1145. **SALPIGLOSSIS.** H. A. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Keeps fresh in water a long time. See illustration on premium page. Pkt., 10c.

39. **SCARLET RUNNER BEAN.** T. A. A quick, vigorous growing climber producing bright, scarlet flowers. Beans are edible. 2-oz. pkt., 5c.

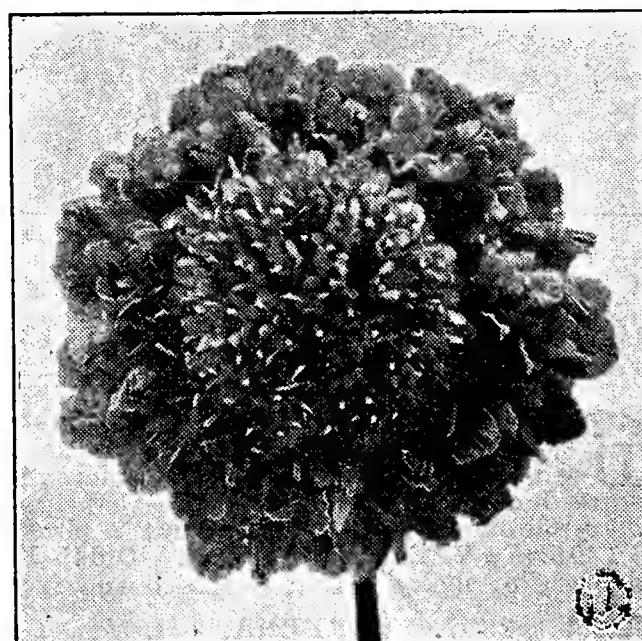
1172. **STOCKS, OLDS'.** Large Flowering Dwarf Ten Weeks. (Mixed.) The flowers appear on long, stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c.

1165. **SMILAX.** T. P. Delicate climber of glossiest green; used in hanging baskets and in bouquets. Pkt., 5c.

1180. **SUNFLOWER.** H. A. Japanese or Chrysanthemum-Flowered. Bright yellow, double flowers, resembling chrysanthemums. Pkt., 5c.

1185. **SUNFLOWER.** H. A. Mammoth Russian. Immense plants, 12 feet high with single blossoms from 6 to 15 inches across. Oz., 5c.

"The neighbors have ordered with me because they saw what good gardens could be raised with your seeds."—Rachel Galloway, Ill.



Scabiosa, Double Mixed.

OLDS' RELIABLE FLOWER SEEDS

OLDS' SWEET PEAS



1200. ★Olds' Prize Mixed. We believe this is the best possible mixture of the old-fashioned sweet scented or grandiflora sweet peas. Many named varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1b., \$1.00.
 1201. Sunrise Mixed. Early-flowering Spencers only. Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers large, frilled and fragrant. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.
 1203. ★Olds' Mixed Giant Spencers. A careful and well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1b., \$1.50.

OLDS' NEW SPENCER SWEET PEAS

1211. Austin Frederick Improved. The best new lavender. Pkt., 7c; oz., 20c.
 1212. Constance Hinton. The best white sweet pea. Pkt., 10c; oz., 25c.
 1213. Defiance. A fine orange scarlet variety. Pkt., 10c; oz., 30c.
 1214. Heavenly Blue. A most beautiful soft tone of delphinium blue. Flowers of immense size, four to a stem. Pkt., 15c; oz., 40c.
 1215. Mary Pickford. A famous choice new sweet pea that has already created quite a sensation. The color is a dainty cream-pink lightly suffused with salmon. Most charming. Pkt., 10c; oz., 25c.
 1216. Matchless. Cream yellow. Large flowers. Pkt., 7c; oz., 20c.
 1217. Miss California. Another splendid new variety. Orange salmon with cream pink. Pkt., 10c; oz., 30c.
 1218. Royal Purple. Large, wavy flowers of a rich royal purple. The best purple. Pkt., 7c; oz., 20c.
 1219. Warrior. Rich chocolate maroon. Pkt., 7c; oz., 20c.
 1220. Youth. White, edged in a beautiful way with a delicate soft rose pink. An unusually large and fragrant sweet pea. Pkt., 7c; oz., 20c.
 1237. ★Fiery Cross. Glittering orange scarlet. Wonderfully striking and beautiful. Pkt., 10c; oz., 30c.
 1235. Royal Scots. The best fiery red Spencer type sweet pea. Pkt., 7c; oz., 20c.

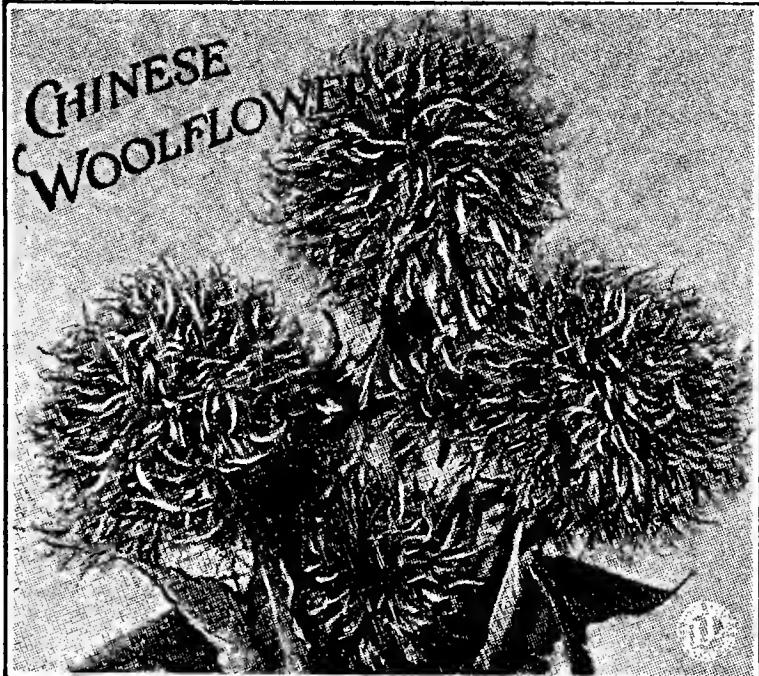
SPENCER SWEET PEA COLLECTION

One pkt. each of the above twelve varieties for 75c. One ounce each of the above twelve varieties for \$2.00.



OLDS' NEW SPENCER DUPLEX SWEET PEAS

1250. Kitty Pierce. A soft light Lilac Duplex Sweet Pea. Fine for exhibition purposes. Pkt., 10c.
 1251. Winnie Morse. One of the finest sweet peas. Flowers are cream and pink and mostly duplex. Pkt., 10c.



1303. CHINESE WOOLFLOWER. H. A. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. Pkt., 10c.

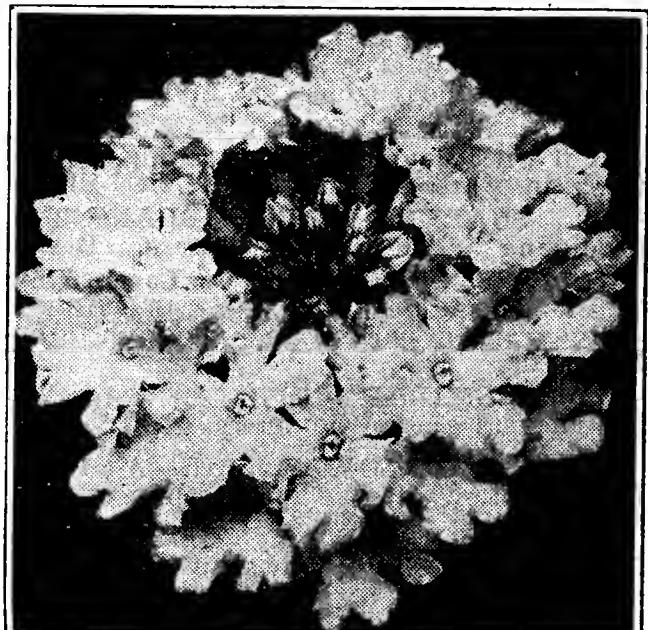
1300. SWEET WILLIAM. H. P. Mixed. (Dianthus Barbatus.) The plants grow 18 to 24 inches high. They make excellent border plants and are fine also for bouquets. Pkt., 10c; 2 pkts., 15c.

OLDS' VERBENAS

1306. VERBENA. Olds' Mammoth Golden Queen. H. A. The Mammoth Golden Queen Verbena is a very clear golden yellow and a decided novelty as far as color goes. The flowers are of medium size, borne on a vigorous vine that is of an everbearing nature and a deep clear yellow in color. Pkt., 10c; 2 pkts., 15c.

1305. ★VERBENA. H. A. Olds' Finest Mixed. A favorite old flower. Clusters of many bright colors borne from June until frost. Pkt., 10c.

1307. VERBENA. H. A. Beauty of Oxford Hybrid. Our new rose colored Verbena. See page 4 for complete description. Pkt., 25c.

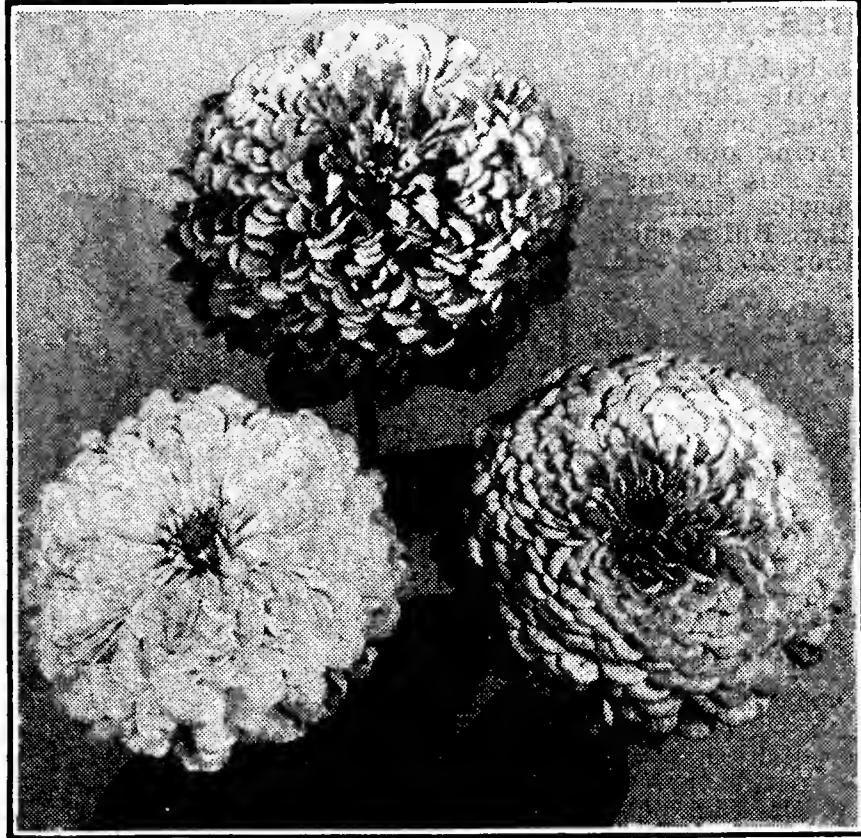


Verbena, Golden Queen.

OLDS' RELIABLE FLOWER SEEDS

OLDS' ZINNIAS

The Zinnia is the most popular annual flower grown today. It has no enemies, insect or fungus and will succeed on any type of soil regardless of weather conditions.

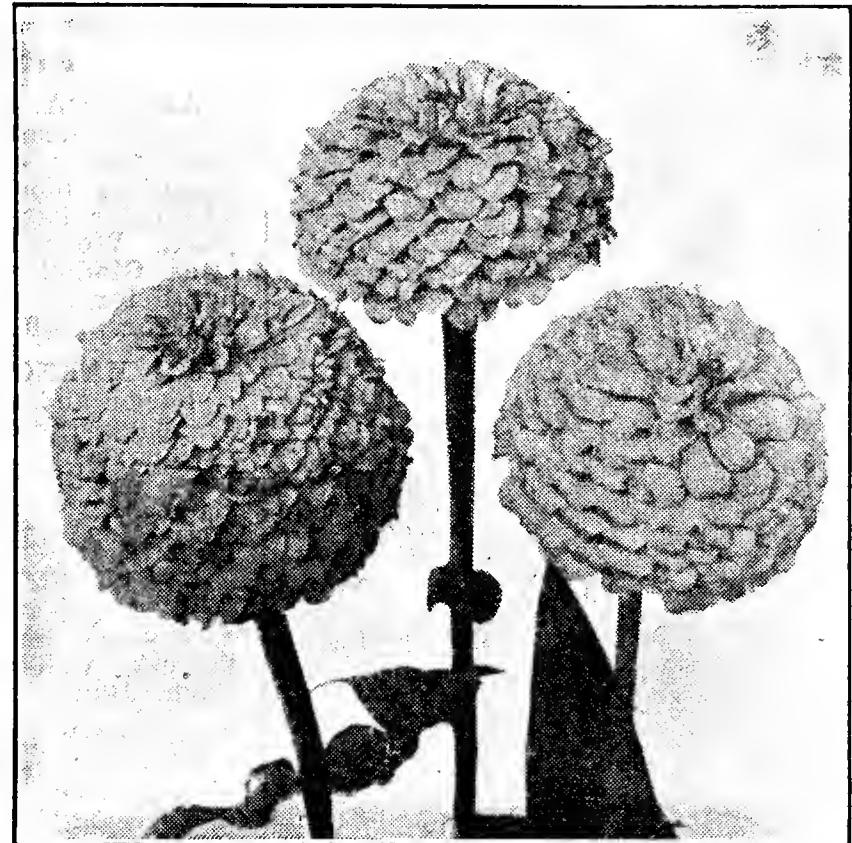


Olds' Gold Medal Dahlia Flowered Zinnias.

1336. **Olds' Gold Medal Dahlia Flowered, Mixed.** H. A. A new type of Zinnias characterized by large size, fullness of petal, extraordinary color range and good keeping quality. Resembles dahlias in size and appearance. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 60c; 1 oz., \$1.00.

1331. **Olds' Dahlia Flowered Zinnia, Crimson Monarch.** This truly remarkable deep red Zinnia has proven very popular. If you did not order it last year it should not be overlooked this season.

We consider Crimson Monarch the best red in a Dahlia Flowered Zinnia. Has enormous flowers of the brightest crimson scarlet. Pkt., 10c.



Olds' Pompon or Lilliput Zinnia.

1330. **Olds' Lilliput or Pompon, Mixed.** This variety is exceptionally fine for bedding or planting in borders. The plants are small, forming little bushes which fairly bristle with very double bright flowers, only one to two inches in diameter. Average height, about 12 inches. Will bloom all summer and late in the fall. Wonderfully fine for cut flowers for the house. Pkt., 10c; $\frac{1}{2}$ oz., 60c; oz., \$1.00.

1335. **Giant Flowered Mixed.** H. A. A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Healthy, vigorous, showy, easily grown. Pkt., 7c; $\frac{1}{2}$ oz., 45c; oz., 80c.

1329. **Fire King.** H. A. A magnificent variety with deep scarlet flowers. Pkt., 10c; 2 pkts., 15c. Zinnia Plants, Dahlia Flowered. 35c doz.; 50 for \$1.15.



Canna, The President.

PLEASE NOTE.—Order Canna bulbs early and pot the bulbs in April. You will gain three to four weeks in the blooming season.

OLDS' CANNAS

THE PRESIDENT. Four feet tall. This immense new flaming scarlet has come into wider use more quickly than any other Canna. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong stems. The foliage is rich green and burn-proof in the hottest weather. Bulbs, 15c each; 3 for 35c; 12 for \$1.25, postpaid.

KING HUMBERT. Red. This remarkable Gold Medal Canna has been the sensation of the past ten years and is a great favorite today. It is a cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. Each, 15c; 3 for 35c; 12 for \$1.25, postpaid.

YELLOW KING HUMBERT. Four feet. An orchid-flowering sort of the well-known King Humbert. Foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to $3\frac{1}{2}$ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than an objection. Each, 15c; 3 for 35c; 12 for \$1.25, postpaid.

MRS. ALFRED CONARD. Four feet. One of the very best Cannas in commerce today. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks. We consider this superior to all other pink Cannas. Each, 20c; 3 for 45c; 12 for \$1.60, postpaid.

APRICOT. Four feet. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other Canna we know of. Each, 20c; 3 for 45c; 12 for \$1.60.

EUREKA. Three and one-half feet. The best white Canna. Foliage light green; strong growth with large blooms. Color creamy white with faint lavender striping in the throat. Each, 15c; 3 for 35c; 12 for \$1.25, postpaid.

One bulb each of the above six Cannas for 70c, postpaid.

OLDS' BEAUTIFUL GLADIOLI

Gladioli are generally recognized as the most beautiful and popular of all the flowers grown from summer flowering bulbs. They are of very easy culture and well suited for garden as well as cut flower purposes. Olds' Gladiolus Bulbs are all first size, (one and one-half inches in diameter and up) high crowned, grown from Semesan-treated bulbs and are of exceptionally fine quality. If you are in the market for large quantities of Gladiolus bulbs write us for special prices.

PINK SHADES.

AMERICA. One of the best. It makes a strong, healthy plant with three-foot erect flower spikes bearing many fine spreading blossoms all facing one way. The color is an exquisite soft lavender pink. We sell more America than any other Gladiolus on our list. Bulbs, each, 5c; 6 for 25c; 12 for 45c; 25 for 80c; 100 for \$3.00, postpaid.

LE MARECHAL FOCH. Rose pink, a deeper and richer color than America. A heavy grower and a large flowered variety; a fine cut flower. Probably the best deep-pink. Blooms very early. Each, 5c; 3 for 12c; 6 for 22c; 12 for 40c; 25 for 75c, postpaid.

GIANT NYMPH. A La France pink with a creamy yellow throat. The spikes are long with large, wide open flowers, well arranged on the stems. Each, 10c; 3 for 25c; 6 for 45c.

EUGENE LE FEBREVE. A wonderful large French Gladiolus. Deep pink with throat dotted purplish-amaranth and cream. A most beautiful variety. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

MRS. FRANK PENDLETON. One of the most exquisitely-colored kinds on our entire list. Very large flowers of delicate pink contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 5c; 3 for 12c; 6 for 22c; 12 for 40c, postpaid.

MRS. LEON DOUGLAS. Begonia rose, delicately striped flame and scarlet; lip pale lemon speckled with ruby. Tremendously large flowers, many open at a time. Very tall, often growing 5 to 6 feet high. Considered the largest Gladiolus in existence. Wonderfully beautiful. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

W. H. PHIPPS. Each spike a bouquet. La France pink, overlaid with light rose salmon, lighter toward center. Lower petals are very faintly striped and speckled with ruby. Flowers enormous; a masterpiece in Gladioli. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

ROSE ASH. Peculiar soft smoky old rose tones fading to ashes of roses on the outer edges of the petals; lower petals light yellow speckled with ruby; finely fluted and ruffled. Wonderful in form and color.

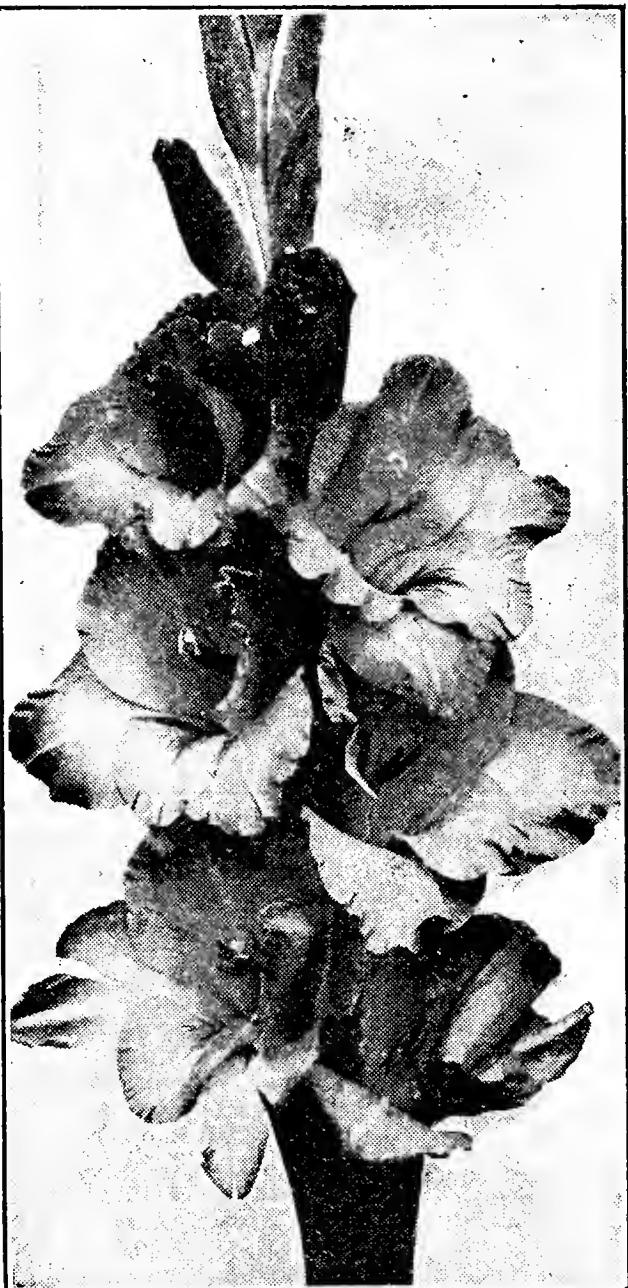
Flowers 5 inches in diameter, very strong spikes 5 to 6 feet high. A magnetic flower that always attracts the eye. Each, 7c; 3 for 20c; 6 for 30c; 12 for 55c, postpaid.

E. J. SHAYLOR. Deep rose-pink to rose color. Outer edges and buds show a distinct rose color with throat of lower petals delicately penciled rose-red. This is one of the best Gladioli ever introduced. It is very popular as a cut flower, is a good propagator and a vigorous grower; fine form and very pleasing in color. Each, 6c; 3 for 15c; 6 for 25c, postpaid.

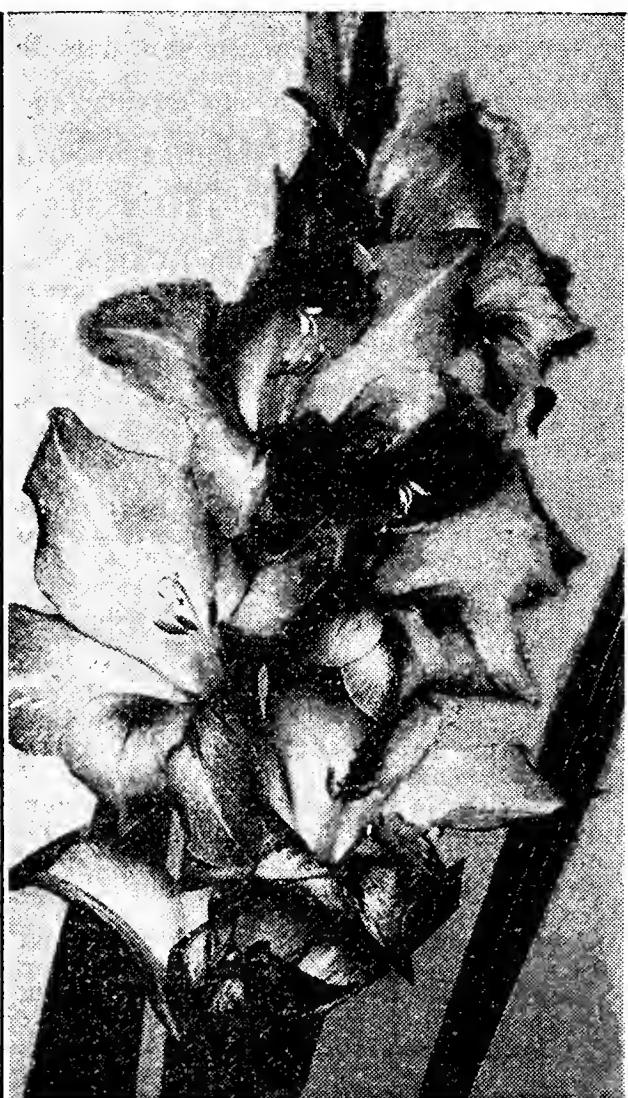
TREAT BEFORE PLANTING WITH
SEMESAN
FOR DISEASE PROTECTION

"I have used your seed for years and will use no other."

Will J. Brown, Wisconsin.



E. J. Shaylor Gladiolus.



Eugene Le Febreve Gladiolus.



Crimson Glow Gladiolus.

RED SHADES.

CRIMSON GLOW. The name is the best description of its color. It has straight spikes of many flowers, which open 4 or 5 at once. This habit makes it a wonder variety for cut flowers. Each, 5c; 3 for 15c; 6 for 25c; 12 for 45c, postpaid.

PFITZER'S TRIUMPH. A prize winner. One of the largest and finest varieties. The flowers often measure 6 inches across. Bright salmon orange with small velvet red blotches. Each, 20c; 3 for 50c; 12 for \$1.80.

WAR. Giant blood-red, shading to crimson black in throat, but without other markings. Each, 10c; 3 for 28c; 6 for 50c; 12 for 95c; 25 for \$1.75.

MRS. FRANCIS KING. A distinctive shade of flame red especially beautiful under artificial light. Each, 7c; 6 for 30c; 12 for 50c; 25 for 85c; 100 for \$3.10, postpaid.

PURPLE GLORY. This is not a true purple color as the name implies, but a rich, velvety maroon, exceedingly ruffled. A beautiful dark variety of Gladiolus. Each, 12c; 3 for 30c; 6 for 55c, postpaid.

AMERICAN BEAUTY. (Dieners.) Brilliant American Beauty color, throat yellow, striped with ruby. The spikes bear a large number of flowers at one time, which are set close together forming an immense and magnificent bouquet. Bulbs, each, 10c; 3 for 25c; 6 for 45c, postpaid.

OLDS' BEAUTIFUL GLADIOLI

LAVENDER SHADES.

ANNA EBERIUS. A dark velvety purple, shading to a darker throat. A wonderful spike of close set flowers, which are large and open, forming an immense bouquet. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c.

CAPTAIN BOYNTON. The finest lavender in existence with darker colored spots on the lower petals. Flowers are large and well placed on the stems. Each, 10c; 3 for 25c; 6 for 45c, postpaid.

MRS. F. C. PETERS. A beautiful shade of rose-lilac with soft crimson blotch; slightly ruffled with many open at one time; tall, vigorous and very fine. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

LOUISE. Here is a real beauty. Fine bright bluish lavender with a wine-colored blotch on lower petals. A sturdy grower with magnificent wide open flowers. Each, 10c; 3 for 25c; 6 for 45c.

ROYAL LAVENDER. Deep lavender, shading lighter toward the center, heavy penciling of a darker shade on lower petals. Grows four feet high with 14 to 20 buds, 4 to 7 large flowers open at a time. A beautiful distinct shade of lavender that everyone likes. The finest commercial dark lavender in existence. Each, 20c; 3 for 50c, postpaid.

"Have been getting seed from your Company for the past 16 years and always well satisfied."

Mrs. Ben Mulhern, Wisconsin.

Mrs. F. C. Hornberger.

WHITE.

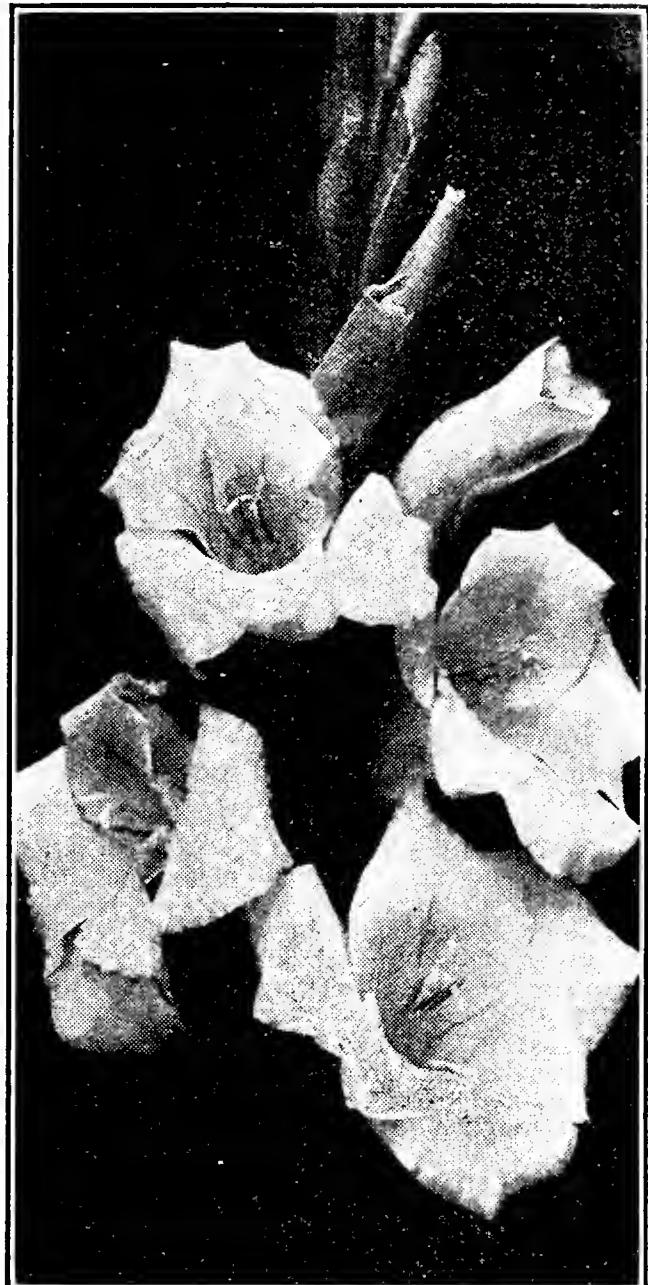
MRS. F. C. HORNBERGER. The best white variety. Large white with no markings. Several flowers open at one time. A choice exhibition variety. Each, 15c; 3 for 35c; 6 for 60c, postpaid.



Olds' Special Superb Gladiolus Mixture.

OLDS' SUPERB MIXTURE. The Gladioli in this mixture are of many colors, including most of our named varieties together with many new seedlings. The bulbs are all of number one size, measuring 1 1/2 inches or over in diameter. For the market gardener or commercial flower grower this is a very fine assortment to use as the price is exceptionally low and the cut flowers can be sold for just as much as those of the named varieties.

A planting of Olds' Superb Mixture will make a wonderfully showy display in the garden. 6 for 20c; 12 for 35c; 25 for 60c; 100 for \$1.75, postpaid.—Not postpaid, \$10.00 per 1,000, (500 at the 1,000 rate.)



Golden Dream.

YELLOW SHADES.

GOLDEN DREAM. Very beautiful; absolutely clear deep yet soft yellow that is distinctive from any other. A tall, straight, strong growing plant with several good-sized blooms open at a time. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

SCHWABEN. The largest-flowered yellow gladiolus. It opens as a pure canary yellow shading to sulphur. The throat, of brightest gold color, is marked with a small, deeply set spot of brownish maroon. Each, 7c; 6 for 35c; 12 for 60c; 100 for \$3.50, postpaid.

OLDS' BLUE RIBBON COLLECTION.

12 PRIZE WINNER GLADIOLUS BULBS, 75c POSTPAID.

Free with each collection, 1 sq. yd. type B Mulch paper.

We offer one bulb each of the following beautiful gladioli, each properly wrapped and labeled, for 75c, postpaid.

These are all outstanding varieties and the cream of our entire list. All varieties are blue ribbon winners.

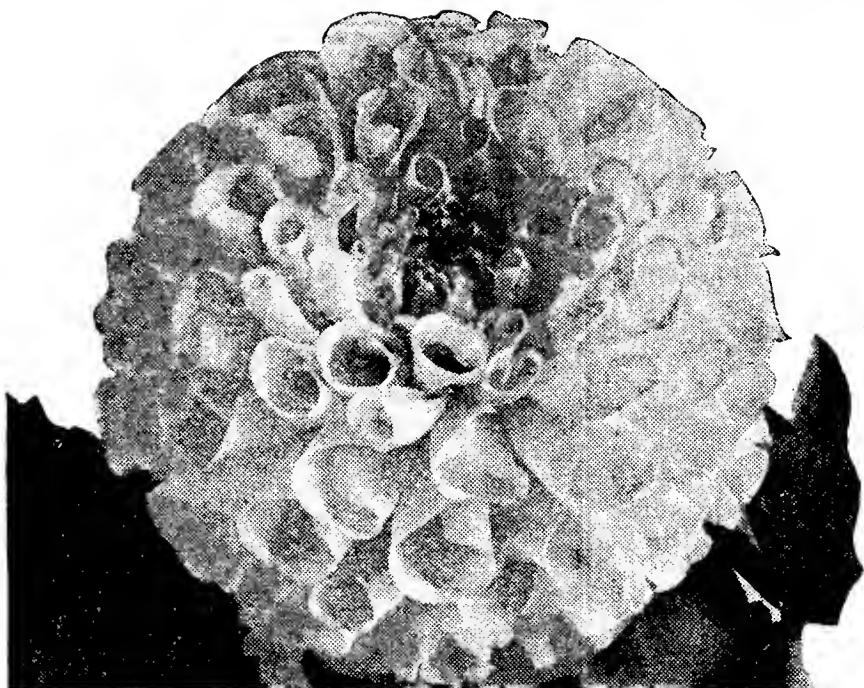
This collection is a real bargain alone, but to introduce our Mulch Paper we are giving one square yard type B Mulch Paper free with every order for this collection. (See page 39.)

Purple Glory—Deep maroon	12c
Mrs. Leon Douglas—Begonia rose	10c
E. Le Febvre—Deep pink and purplish amaranth	10c
W. H. Phipps—LaFrance pink and salmon	15c
Golden Dream—Deep soft yellow	15c
Captain Boynton—Lavender	10c
F. C. Hornberger—Pure white	15c
Crimson Glow—Crimson	5c
Giant Nymph—LaFrance pink	10c
Pfitzer's Triumph—Bright salmon orange	20c
Mrs. Frank Pendleton—Pink and scarlet	5c
War—Blood red	10c

Value... \$1.37

SPECIAL PRICE, 75c POSTPAID.

OLDS' SUPERB DAHLIAS



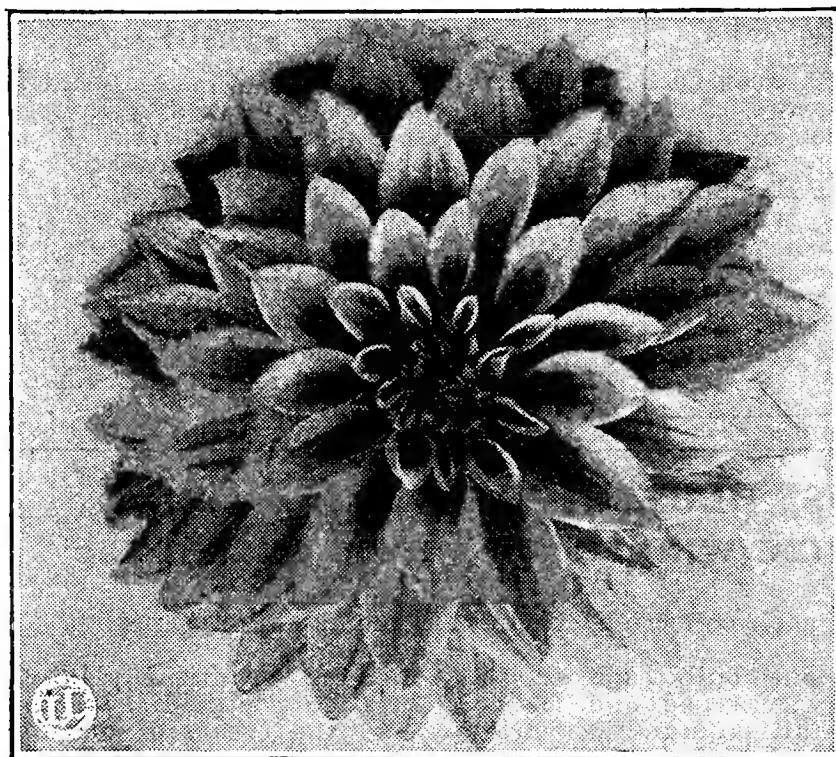
Princess Victoria. (Show Variety.)

PRINCESS VICTORIA. (Show Type.) Bright canary-yellow show dahlia and one of the most free flowering. Regularly quilled blooms. Each, 20c; 3 for 50c; 6 for 85c.

JACQUES FUTRELLE. (Decorative.) The flowers are of immense size on good strong erect stems well above the foliage. Color is a very attractive shade of light greenish yellow. The most showy of the yellow shades ever introduced. The base of every petal has a light clear yellow filigree petal which makes the flowers very full like a chrysanthemum. Each, 40c; 3 for \$1.00, postpaid.

BASHFUL GIANT. (Decorative.) This is one of the largest Dahlias ever introduced. Because of its large size the flower tilts giving it the appropriate name. It is of great merit because of its beautiful color, an apricot with gold shadings. Each, 25c; 3 for 60c, postpaid.

JANE COWL. A massive decorative; color glistening bronze-buff and old gold. Flowers measure 10 inches across. A stem of unusual strength holds the giant flower erect over a plant of ideal growth. Each, 40c; 3 for \$1.00, postpaid.



Mrs. I. De Ver Warner.

MRS. I. DE VER WARNER. (Decorative.) A solid deep mauve pink or orchid. Long stiff stems and excellent for cut flowers. Flowers often measure 10 inches across. Each, 20c; 3 for 50c, postpaid.

JUDGE MAREAN. (Decorative.) This giant is produced on long, heavy stems. The plant is vigorous and free blooming. The flowers are full and massive and the petals heavy. A glowing salmon pink, with tints of orange and gold. Each, 30c; 3 for 75c, postpaid.



OLDS' FINEST MIXED DAHLIAS. A mixture of choice named varieties showing every shape, size and color to be found in Dahlias. 3 for 25c; 6 for 45c; 12 for 80c; 50 for \$3.10, postpaid.



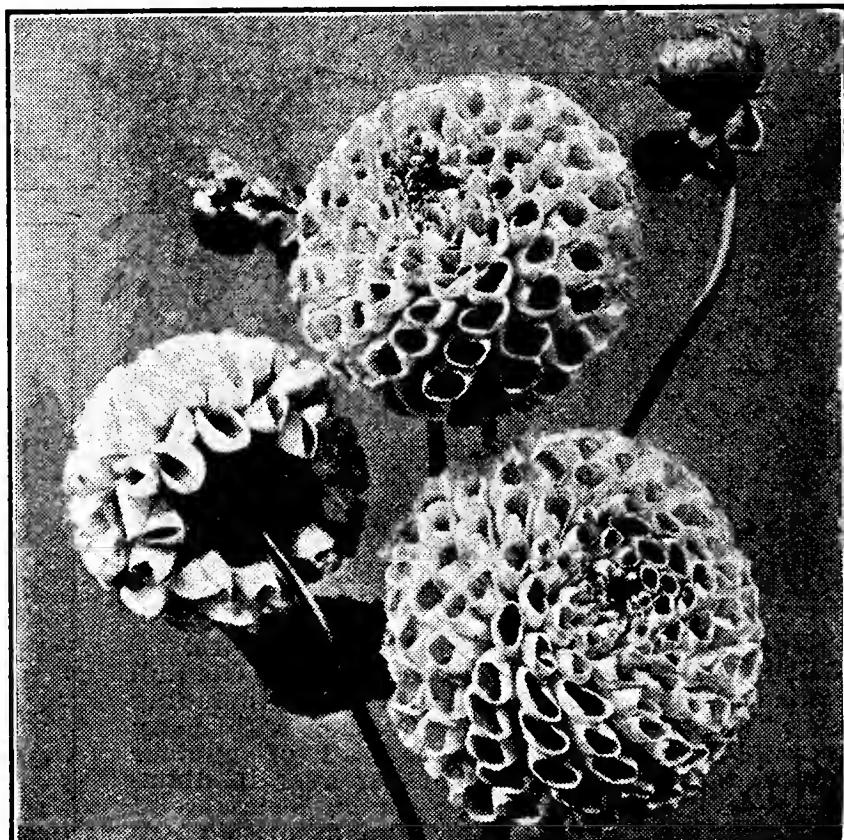
MADONNA



MADONNA. (Peony Type.) This variety is a perfect wonder on account of its beautifully shaped flower, borne on long stems. The color is a beautiful white, slightly tinged with delicate lavender-pink. The petals curl and twist in a very pleasing manner. Each, 20c; 3 for 50c; 6 for 85c, postpaid.

SOUVENIR DE GUSTAVE DOAZON. (Decorative Type.) Orange red. The largest dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. Very long stems of pleasing, stiff, upright type. Should be in every garden. Each, 15c; 3 for 35c; 6 for 65c, postpaid.

JERSEY BEAUTY. (Decorative.) One of the finest of all Dahlias. A beautiful shade of pink that can hardly be described in words. The flowers are large and carried high above the foliage on long wiry stems. A wonderful keeper and excellent for exhibition or commercial purposes. This variety has been awarded so many prizes and medals that it is almost impossible to enumerate them. Each, 25c; 3 for 60c; 6 for \$1.10.



A. D. Livoni.

A. D. LIVONI. (Show Type.) Although new varieties are being introduced each year Livoni is one of the old time-tried varieties that stays. The perfect flowers with quilled petals, which nearly overlap at the ends, have made this variety a great favorite. The color is rose-pink. Each, 15c; 3 for 35c; 6 for 65c, postpaid.

OLDS' HARDY ROSES

OLDS' ROSES are all hardy two-year field grown stock and will bloom the same year they are planted. Do not confuse them with the small greenhouse stock so often offered. The prices quoted on roses are all postpaid prices.

OUR GUARANTEE—We guarantee our nursery stock to be as represented and to arrive in satisfactory condition. If not satisfactory the goods may be returned to us at once and the amount paid will be gladly refunded. It is impossible to guarantee growth after planting as soil, weather and other conditions beyond our control must be considered. It is mutually agreed between the purchaser and ourselves that we shall at no time be held responsible for more than the purchase price.

RUGOSA ROSES.

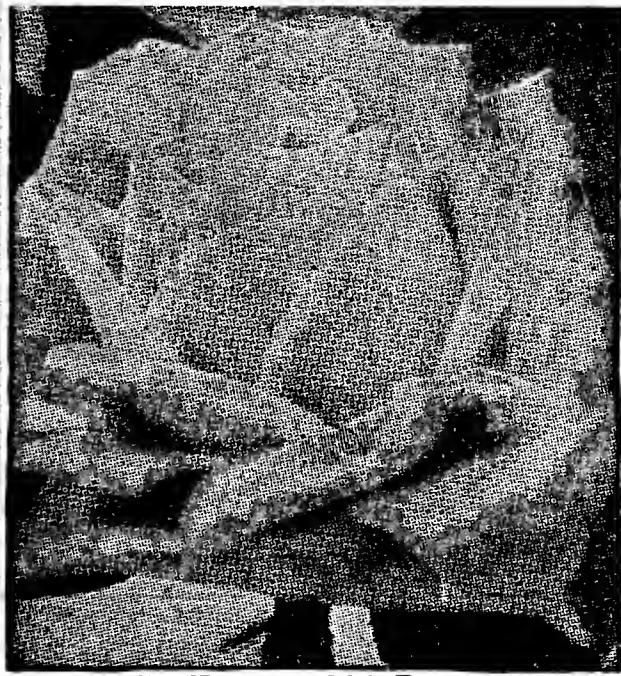
This type of rose is probably the hardiest of all roses and will winter through in our Northern climate and in Canada.

F. J. GROOTENDORST. Small red flowers in clusters. It has been described as the rose with red carnation blooms.

HANSA. The hardiest rose on the entire list. Has deep violet-red double flowers. The buds are borne in clusters.

BELLE POITEVINE. A semi-double rose of a delicate pink shade. This rose blooms practically the entire summer.

SIR THOMAS LIPTON. The best pure white, fragrant, hardy Rugosa Rose. The flowers are practically double and snow white.



F. K. Druschki Rose.

F. K. DRUSCHKI. A large pure white, free blooming rose. Blooms often measure 4 to 5 inches across. Double and fragrant.

GRUSS AN TEPLITZ. Flowers are borne from June until frost. The fragrant flower is a beautiful clear crimson scarlet.

PAUL NEYRON. Probably the largest rose in cultivation. Very double and of a deep rose color.

MARSHALL P. WILDER. Flowers are very fragrant, bright cherry-red and perfectly double.

PERSIAN YELLOW. Deep golden yellow, semi-double and hardy. Prices, above varieties: 2-Year-Old No. 1 Field Grown, each, 60c; 3 for \$1.65, postpaid.

Collection of Hybrid Perpetual Roses: One each of the above Hybrid Perpetual Roses for \$2.65. Three each for \$5.00, postpaid.

OLDS' IRIS.

Iris make beautiful borders. They are easy to grow in poor soil or shade. Will thrive where other flowers fail.

LOHENGREN. A rare and attractive shade of mauve pink, blending well with Madam Chereau when the two are cut together. Large Roots: Each, 20c; 3 for \$50c, postpaid.

RHEIN NIXE. A charming Iris. Rich raspberry purple and white. Each, 20c; 3 for 50c, postpaid.

SHERWIN WRIGHT. A golden yellow Iris, without markings or shadings. Each, 20c; 3 for 50c, postpaid.

JEANNE D'ARC. White edged with lavender. Very dainty and beautiful. Each, 25c; 3 for 60c.

B. Y. MORRISON. Standards are pale lavender and the falls velvety purple with broad lavender border. Each, 30c; 3 for 75c.

DREAM. A vigorous, free flowering variety. Orchid-like flowers of soft, clear pink. Each, 30c; 3 for 75c.

GOLD IMPERIAL. A fine Iris of rare texture and form. Brilliant yellow with conspicuous orange beard. Each, 30c; 3 for 75c.

PROSPER LAUGIER. Standards of this variety are a fiery bronze and the falls a ruby purple. A most beautiful flower. Each, 30c; 3 for 75c.

SUNBEAM IRIS COLLECTION.

One each of the above eight varieties for \$1.00, postpaid.

MIXED IRIS. We offer choice mixed roots, first size and quality as follows: 3 for 20c; 6 for 35c; 12 for 65c; 25 for \$1.25, postpaid. Not postpaid, 100 for \$4.25.

BETTER HOMES AND GARDENS.

The Magazine for Every Gardener.

Good seeds and plants are the first requisites for every successful garden. But in addition to these one must also have reliable planting and cultural information. We are always glad to furnish such information as well as we can but you should have this help in magazine form throughout the season. We recommend "BETTER HOMES AND GARDENS" as a friendly magazine to furnish you this sort of help in attractive form all the year through.

Here is a garden-home magazine chock full of authoritative articles on shrubs, flowers, trees, vegetables and vines, a complete day-by-day garden diary, with diagrams and photographs. Also interesting departments for every hour of garden and home living.

When you place your order for seeds and plants think of the future and include "BETTER HOMES AND GARDENS." Have this encouragement and inspiration coming to you every month. The rates are unusually low, only 60c a year, \$1.00 for 2 years. Just include the order with your seeds and we will see that your subscription starts at once.

CLIMBING OR RAMBLER ROSES.

The varieties listed below are hardy but should have winter protection if possible. Climbing Roses are used for covering arbors, trellises and pillars.

CLIMBING AMERICAN BEAUTY. Hardy, strong growing, with foliage of bright glossy green. Blooms wherever a porch rose will grow. Immense flowers of soft, glowing red. Unusually attractive, and delightfully fragrant.

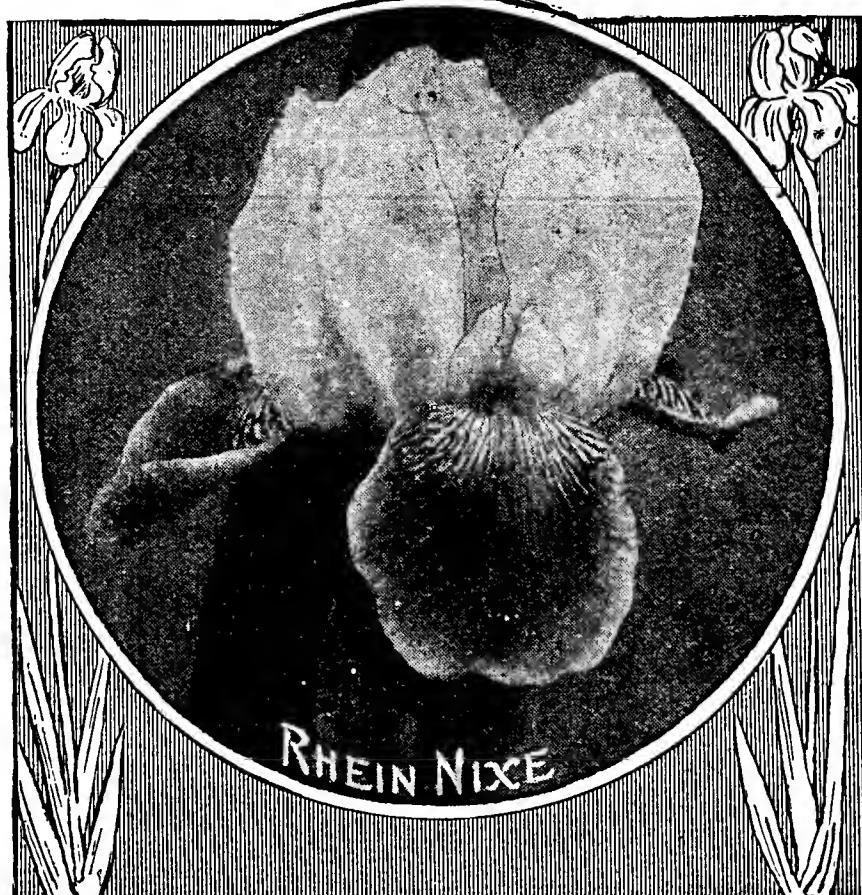
CRIMSON RAMBLER. A fast growing climber, very desirable for pillar and porch plantings. Numerous crimson semi-double flowers borne in clusters.

DOROTHY PERKINS. The well-known double shell pink climbing rose which blooms in great profusion.

PAUL'S SCARLET. In our estimation the finest red climbing rose. Flowers are semi-double, vivid scarlet shading crimson and borne in clusters. Blossoms for a long season.

Prices, above varieties: 2-Year-Old No. 1 Field Grown, each, 55c; 3 for \$1.50.

Collection of Climbing Roses: One each of the above 4 Roses for \$1.90, postpaid. Three each for \$5.40, postpaid.



RHEIN NIXE

OLDS' HARDY FLOWERING PLANTS

Olds' Northern Grown Hardy Perennials are all two to three years old, field grown plants and should not be confused with the small one-year seedlings which are so often offered. Perennials should be used for permanent plantings in beds and borders. When once established they will produce an abundance of flowers for years to come with practically no attention. We have arranged our perennials in three groups, Spring, Summer and Autumn. When selecting plants be sure to include some from each of these groups so as to have a succession of flowers throughout the season. For foundation plantings and borders keep the tall growing varieties at the back. Ask for Wisconsin Bulletin No. 212 "Outdoor Flowers for the Home."

We are quoting prices in groups of three as well as single plants. Three plants of a kind will make a fine showing the first year. All prices are postpaid prices.

OLDS' SPRING BLOOMING PERENNIALS

CYPRIPEDIUM.

No orchid is more beautiful than our native varieties of Lady Slipper or Cypripedium. Especially effective planted in partial shade in combination with native ferns.

SPECTABILE. (Showy Lady Slipper.) This is the finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purple or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. Nothing can be more charming than masses of this beautiful orchid. Each, 25c; 3 for 65c, postpaid.

PUBESCENS. (Yellow Lady Slipper.) Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. This is the easiest to grow of the Lady Slippers. Each, 25c; 3 for 65c.

HARDY FERNS.

We offer five-year-old plants direct from the far North where they grow very large and withstand any temperature. Prices, all of the Hardy Ferns. Each, 25c; 3 for 65c; \$1.75 per dozen, postpaid.

OSTRICH PLUME or PALM OF THE NORTH. This is a fine variety. Grows faster than any other fern. It often has as many as fifteen fronds, and usually attains a height of four feet; beautiful cinnamon shade. This variety does well in the open or in dry, shady places.

LADY FERN. A large, handsome fern of the woods, presenting many varied forms. Smaller and of finer foliage than the Ostrich Plume.

FLOWERING FERN. This is clothed with loose wool, when unfolding its fronds. Usually grows four feet high or more; a beautiful cinnamon shade. This variety also does well in the open or dry, shady places.

COLLECTION OF FERNS. One each of the above ferns for 65c or three each for \$1.50, postpaid.



Red Oriental Poppy.

POPPY. (Red Oriental.) In 2½-inch pots. For a dazzling display of rich and brilliant coloring no other flower can equal the vivid orange scarlets of the Oriental Poppies. Easily established and perfectly hardy. 36 inches in height. Each, 25c; 3 for 65c.

POPPY. (Mrs. Perry.) In 2½-inch pots. Like the red poppy in growth but a beautiful salmon in color. Each, 25c; 3 for 65c.

PYRETHRUM. (Roseum.) The fernlike foliage is attractive and the flowers ranging from pure white through shades of pink are beautiful on the plant, also as cut flowers. 20 to 24 inches tall. Each, 25c; 3 for 65c, postpaid.

ROCK GARDEN PLANTS. See page 58.

SUMMER BLOOMING PERENNIALS

ARTEMESIA. (Silver King.) Valuable for the silvery effect of the foliage, especially when combined with plants or cut flowers of a delicate shade. The branches may be cut and used fresh with cut flowers or dried and used with fresh flowers during the winter. Height, 2 to 3 feet. Each, 25c; 3 for 65c.

BUTTERFLY BUSH. A deciduous shrubby plant growing rapidly from the roots each spring. Starts blooming early in July and bears great spikes of lilac colored flowers until frost. Each, 30c; 3 for 75c.

AQUILEGIA. (Long Spurred Hybrids.) One of the most graceful and dainty of hardy perennials. The long-spurred flowers show shades of blue, mauve, cream, pink, red and yellow in a charming series of color blends. Well-rooted plants in mixed colors only. Each, 25c; 3 for 65c.

COREOPSIS. Sometimes called Yellow Daisy. Borne on numerous stems in great profusion nearly all summer. Each, 25c; 3 for 65c.

CLOVE PINKS. Perfectly hardy and flowering continuously from spring until late fall if the flowers are removed when they begin to fade. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced. Each, 25c; 3 for 65c.

CANTERBURY BILLS. Biennial. Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 25c; 3 for 70c; 12 for \$2.25.

DAISY. Shasta. Burbank's great introduction. White flowers. 4 to 5 inches across. Each, 25c; 3 for 65c.



SHASTA DAISY

OLDS' HARDY FLOWERING PLANTS

SUMMER BLOOMING

PERENNIALS

OLDS' HARDY PHLOX

UNIVERSITY OF WISCONSIN. Rosy magenta. A strong grower. Each, 25c; 3 for 65c.

WIDAR. Dark violet, tinted red with a white eye. A very beautiful and striking combination of colors. Each, 25c; 3 for 65c.

MRS. JENKINS. A pure white. Each, 25c; 3 for 65c.

MISS LINGARD. White with faint lilac eye. Free-blooming May to October. Each, 25c; 3 for 65c.

R. P. STRUTHERS. A smooth blending of rosy-carmine with salmon. Darker eye. Fine large truss. Each, 25c; 3 for 65c.

SIEBOLD. Orange scarlet with red eye. Very fine. Each, 25c; 3 for 65c.

RHEINLANDER. A salmon pink with red eye. Each, 25c; 3 for 65c.

PAINTED LADY. We think this about the most beautiful Phlox. Large, pink flowers with dark scarlet eye. Each, 35c; 3 for 85c.

MIXED PHLOX. An assortment of many good varieties in mixed colors. Specially fine for landscape or foundation plantings. 3 for 40c; 6 for 75c; 25 for \$2.75.

DAY LILY. Tawny. These well known flowers are among the more popular perennials. The large trumpet shaped flowers of coppery-orange, shaded red, are carried on stems three or four feet tall, blooming profusely in July. Each, 25c; 3 for 60c.

DELPHINIUM. Hollyhock Strain. The largest and showiest of all Delphiniums. More beautiful than the Gold Medal but not as hardy. Our supply of plants is limited this season. Each, 40c; 3 for \$1.00.

DELPHINIUM. Gold Medal Hybrid. (Larkspur.) Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, of every shade of blue, and increasing in size and beauty yearly. Each, 30c; 3 for 75c.

DELPHINIUM. Belladonna. Sky blue. A continual bloomer. Each, 30c; 3 for 75c.

DELPHINIUM. English Hybrids. Very rare and beautiful. Each, 35c; 3 for 85c.

GYPSOPHILA, OR BABY'S BREATH. Paniculata Compacta. When in bloom in August and September, it forms a symmetrical mass 2 to 3 feet in height and the same in diameter; of minute white flowers having a beautiful gauze-like appearance. Can be dried for winter. Each, 25c; 3 for 65c.

GAILLARDIA. (Blanket Flower.) One of the most satisfactory of tall hardy perennials. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermillion. One of the few perennials which is always in blossom. 2 to 3 feet in height. Each, 25c; 3 for 60c.

HOLLYHOCKS. Mixed. These stately old-time favorites, full of sentiment and beauty, bear large, perfectly-formed flowers in many lovely colors and shades. 15c each; 3 for 40c; \$1.50 per dozen.



Perennial Sweet Peas.

SWEET PEA. (Perennial Sweet Pea.) Easily grown. Flowers in August. Similar to the ordinary Sweet Pea only a hardy perennial. Each, 25c; 3 for 65c.

LIATRIS. (Blazing Star.) Button-like flowers set on spikes 4 to 5 feet tall, blooming in August. Orchid colored flowers. Each, 25c; 3 for 65c.

HEUCHERA SANGUINEA. (Coralbells.) Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting. 12 to 18 inches. June to September. Flowers bright crimson; very free-flowering. Excellent for rock garden. Each, 25c; 3 for 65c.

PENTSTEMON. (Beard Tongue.) *Barbatus Torreyii.* Tall spikes of brilliant scarlet flowers that make a striking appearance in the border from June to August. Grows to a height of 3 to 4 feet. The cut flowers give a distinct and pleasing effect when used for decorative purposes. Each, 25c; 3 for 65c.

VIOLA. **★ Jersey Gem.** One of the best of the new introductions. We believe that this is the finest violet in cultivation. Wonderful to use in Rock Gardens or in the border. It grows about six inches high and shows a continuous bloom of vivid purple from early summer until frost. The plants are literally covered with huge violets measuring better than an inch in diameter. Each, 25c; 3 for 65c.

VIOLA. **Lutea.** Very similar to Jersey Gem but with Golden Yellow flowers. The plant is literally covered with bloom from mid-season until frost. Each, 25c; 3 for 65c.

OLDS' AUTUMN BLOOMING PERENNIALS

HARDY CHRYSANTHEMUMS, LARGE FLOWERING VARIETIES.

HARDY CHRYSANTHEMUMS are very satisfactory in the protected border. They bloom late in the fall when most plants are through blooming. Better results will be obtained if the old plants are divided and reset each spring. Plants from 2 1/2-inch pots. Each, 25c; 3 for 65c. We offer the following varieties:

AUTUMN GLOW—Light pink.

JULIA MILLER—Bronze.

JAPANESE YELLOW—Very good early yellow.

OCONTO—White.

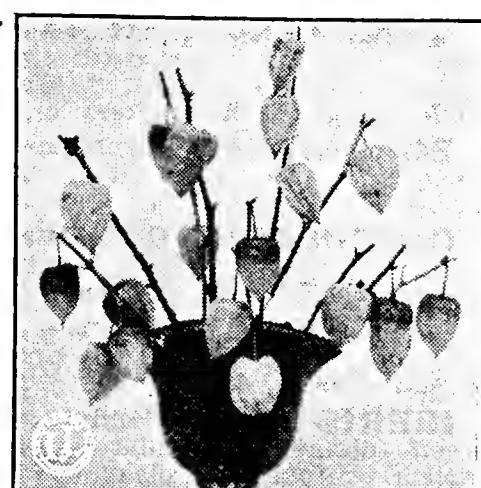
PHYSALIS. (Chinese Lantern Plant.) Grown for the orange-scarlet lantern-like fruits that are gathered in the fall and used as winter decorations. Strong plants. Each, 25c; 3 for 65c.

RUDEBECKIA. *Purpurea.* (Purple Cone Flower.) Grows 3 to 4 feet high. August and September. Large, striking, pinkish-purple flowers. Excellent plant for the border. Each, 25c; 3 for 60c.

DAISY. Giant. Great white daisies on swaying 4 foot stems. Very hardy. Each, 25c; 3 for 65c.

SEDUM. Spectabile. Growth from 12 to 18 inches high. Useful in rockery, and valuable in the perennial border for the foliage is pleasing during the summer. The large flat heads of pink flowers are showy in September. Will do well in the sun or shade. Each, 25c; 3 for 65c.

VERONICA. *Longifolia Subsessilis.* (Japanese Speedwell.) Dense spikes of deep blue flowers. A very good perennial for the hardy border. 18 to 24 inches in height. Each 30c; 3 for 75c.



Chinese Lantern Plant.

OLDS' ROCK AND ALPINE PLANTS



Madison's 1932 Prize-Winning Rock Garden.

Mr. Wm. Trainor won the Wisconsin State Journal first prize for Rock Gardens last year with the above garden. He had a poor location but with patient work and good plants he succeeded. These are the kind of plants you will get from us.

All our plants are two-year-old, healthy, field grown plants, and all our orders are filled right here at Madison. Prices: Each, 30c; 3 for 60c; 12 for \$2.25, postpaid.

AETHIONEMA (Persian Candytuft), *Persicum*. A splendid grey green dwarf for the rockery. Profusely blooming during June with light pink flowers. 8 inches.

ALYSSUM, *Saxatile*—Grows 9 to 12 inches in height. Beautiful golden flowers in April.

ANEMONE, *Sylvestris*—A beautiful, dwarf white Alpine growing about 8 inches tall. Very showy.

AQUILEGIA, *Alpina*—A dwarf blue and white honeysuckle blooming in May. 10 to 12 inches tall.

ARABIS, *Alpina* (Rock Cress)—Heads of white flowers blooming in April. About 6 inches tall.

ASTER, *Alpinus*—Large single-flowered blooms on 8-inch stems. A pretty shade of lavender blue. Blossoms in June.

CAMPANULA, *Rotundifolia* (Harebell)—A good plant to grow in crevices of a rock wall or garden. Blooms from June to August. 10 to 16 inches tall.

CERASTIUM, *Tomentosum* (Snow-in-Summer) — The silver colored leaves are very attractive all summer. Has white flowers in May and June. Very dwarf growing.

DIANTHUS, *Deltoides*—Small rose flowers produced in profusion. Grows 6 inches tall. Blooms in June.

DICENTRA (Dwarf Bleeding Heart), *Eximia* — A dwarf Bleeding Heart with showy racemes of pink flowers throughout the season. Handsome foliage. Equally at home either in the rockery or the border.

DORONICUM, *Excelsum*—Large golden yellow single flowers on tall, erect stems. Blooms early in the spring. Makes a fine cut flower, and is colorful in the border.

GLOBULARIA, *Cordifolia*—The flower is a globe of bright blue which rises about 8 inches above the rosettes of evergreen leaves. Blooms the latter part of May.

GYPSOPHILA, *Repens*—A creeping plant with a profusion of white flowers appearing in July and August. Will spread over a space of 18 to 20 inches.

IBERIS (Hardy Candytuft), *Sempervirens*. The evergreen foliage is completely hidden during May and June with a profusion of clear white flowers. 8 inches.

NEPETA, *Macrantha*—A fine trailer for the rockery. Covered during the summer with delicate lavender flowers. Silver grey foliage.

PHLOX, (Creeping), *Subulata Alba*—A dainty creeping Phlox that is simply covered in the early spring with a profusion of clear white flowers. 6 inches tall.

Subulata Lilacina—Similar to *Subulata Alba* but the flowers are larger and a delicate blue-lavender in color. Foliage is light green.

Subulata Rosea—A shower of bright rose flowers in early spring.

SAPONARIA, *Ocymoides Splendens*—A very pretty dwarf creeper. Forms a cloud of dainty pink flowers in June. Attractive green foliage.

SAXIFRAGA, Mixed—Broad, leathery leaves of a dull shade of copper green. Makes a bright display in the early spring with the small rosettes of rose colored flowers. 6 inches tall.

SEDUM—These trailing alpines are very popular in the rock garden. They are hardy.

Acre (Golden Moss)—Low-growing green, fleshy leaves. Covered in July with star-shaped, yellow flowers.

Album—Somewhat like *Sedum Acre* in the style of growth but the leaves have a slightly bluish cast.

Glaucum—A handsome creeper which forms a carpet of blue green, turning to a deeper blue in the autumn. One of the most attractive sedums.

Sieboldii—A charming alpine growing in miniature tufts. Glauconous foliage, each leaf being rimmed with a circle of crimson. Very attractive.

Spectabile—A beautiful erect-growing species with broad, thick, light green foliage and immense heads of rose-colored flowers. Blooms late.

Spectabile Brilliant—Rich, dull red, identical with *Spectabile* in everything except color.

STOKESIA (Stoke's Aster), *Cyanea*—One of the most charming hardy plants blooming freely from July to October. Flowers of centaurea-shape, often measuring 4 to 5 inches across, making a rich show of lavender-blue. 1 1/2 to 2 feet in height.

THYMUS, *Serpillum*—Creeping plant with fragrant leaves and pink flowers.

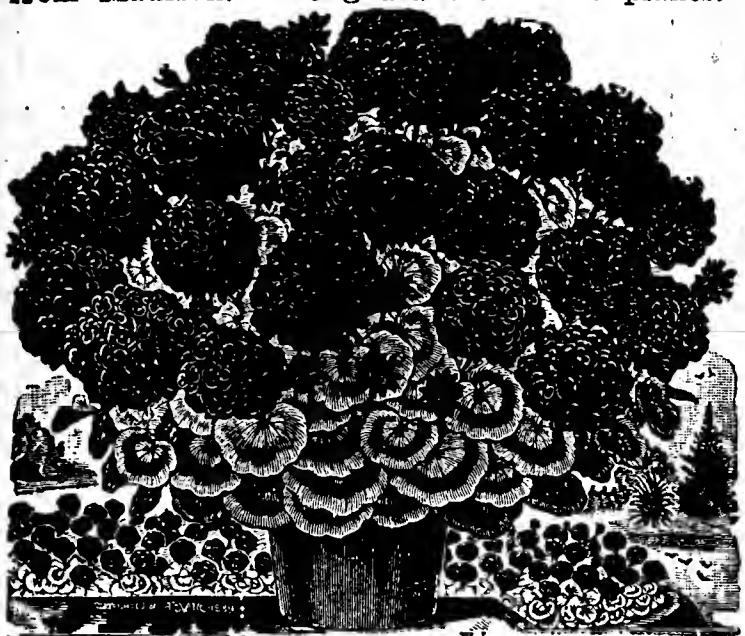
TUNICA, *Saxifraga*—A pretty dwarf plant with pink flowers and fine foliage.

TROLLIUS, *Europeus*—Giant yellow buttercup-like blossoms on 18-inch stiff stems. Blooms early in May. The foliage is glossy dark green.

VERONICA, *Ruprechtia*—Closely matted deep green foliage completely hidden in May and June with bright blue flowers.

OLDS' HOUSE PLANTS

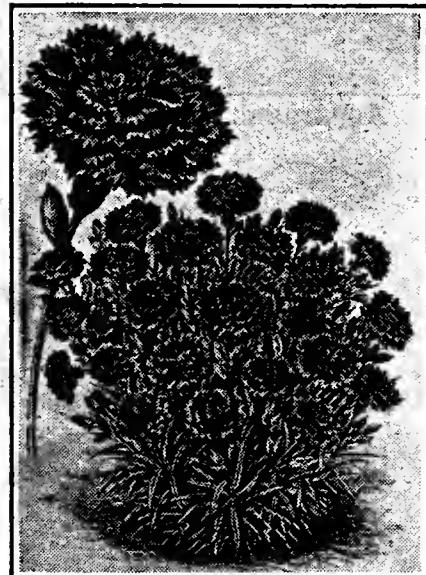
All plants offered on this and the following page will be sent direct from our growing station about 75 miles from Madison. We guarantee choice plants. All prices include postage.



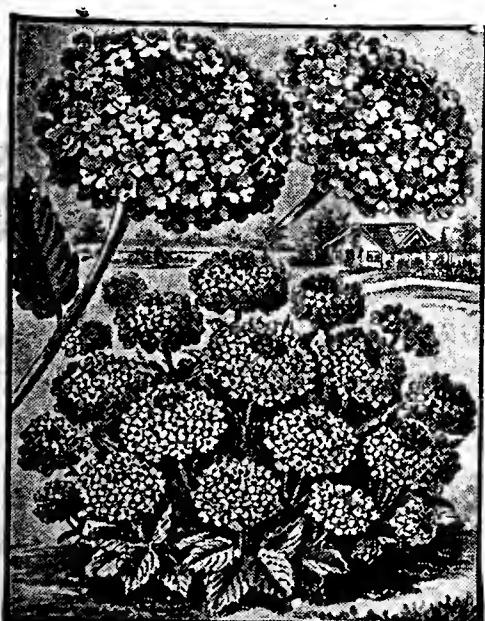
Double Flowering Geranium, Radio Red.



Christmas Cactus.



Carnation, Crimson King.



Bedding Lantanas.



Giant Painted Leaf Begonia.

Beefsteak Begonia.

Trailing Vinca.

GIANT PAINTED LEAF BEGONIA.

(Begonia, King or Rex.) In no other class of plants do we find the rich, metallic foliage and colors. 35c each; 3 for \$1.00.

BEEFSTEAK BEGONIA.

(Feastii.) Low, spreading begonia, finest for house culture. 25c each; 3 for 72c.

DOUBLE BEDDING GERANIUMS.

BEAUTE POITEVINE. Rich salmon pink. 23c each; 3 for 66c; doz., \$2.30.

MME. LANDRY. Shrimp pink shading to white. 23c each; 3 for 66c; doz., \$2.30.

JEAN OBERLE. Peach pink graduating to white. 23c each; 3 for 66c; doz. \$2.30.

RADIO RED. Bright dazzling scarlet blooms. The finest and most beautiful red offered in many years. 24c each; 3 for 69c; doz., \$2.40.

BUCHNER. Flowers pure white and very large. 22c each; 3 for 63c; doz., \$2.20.

PANSY GERANIUMS. See next page.

HARDY GARDEN CARNATIONS.

HER MAJESTY. A new variety of pure white. Very double. 25c each; 3 for 72c; 12 for \$2.50.

ABBOTTSFORD. Flowers rich rose-red, shading darker in the center. 25c each; 3 for 72c; 12 for \$2.50.

HELEN CRANFIELD. Exquisite flowers of bright rose, shaded with maroon at center. 25c each; 3 for 72c; 12 for \$2.50.

CRIMSON KING. The color is a rich crimson and it is deliciously fragrant. 33c each; 3 for 95c; 12 for \$3.30.

BEDDING LANTANAS.

PERFECTION. Brilliant yellow shading to pure vermillion. 25c each; 3 for 72c; 12 for \$2.50.

RADIATION. Crimson changing to yellow at center. 25c each; 3 for 72c; 12 for \$2.50.

TETHYS. New beautiful lemon yellow. 29c each; 3 for 84c; 12 for \$2.90.

SNOW WREATH. Pure white, compact habit. 25c each; 3 for 72c; 12 for \$2.50.

STRAWBERRY GERANIUM.

SAXIFRAGA SARMENTOSA. Leaves striped with silver bands; blooms white. Adapted for hanging baskets, vases, etc. 25c each; 3 for 70c.

UMBRELLA PLANT.

Stems about two feet high, surmounted with a whorl of leaves. Indispensable for aquariums, fountains, etc. 20c each; 3 for 58c.

TRAILING VINCA. The leaves of this beautiful plant are a glossy green, broadly margined a creamy white; flowers blue. Admirably adapted for hanging baskets. 16c each; 3 for 46c. Larger size, 29c each.

WEEPING LANTANA.

Grows very rapidly and blooms continually summer and winter, producing rosy-pink flowers. 20c each; 3 for 58c.

BABY TEARS.

(Irish Moss.) (Helxine.) A compact, dense growing plant with miniature leaves, similar to a fine moss. A most attractive plant for cool, damp corners out of doors. Likes a good, loamy soil. Nice plants, 27c each; 3 for 78c; doz., \$2.70. Larger size, 42c each.

CHRISTMAS CACTUS.

An early-flowering crimson-scarlet variety, with long drooping flowers. 41c each; 3 for \$1.18.

WAX PLANT.

(Desert Plant.) Mesembryanthemum. Suitable for hanging baskets; also for a pot plant. Beautiful pink flowers. 22c each; 3 for 63c.

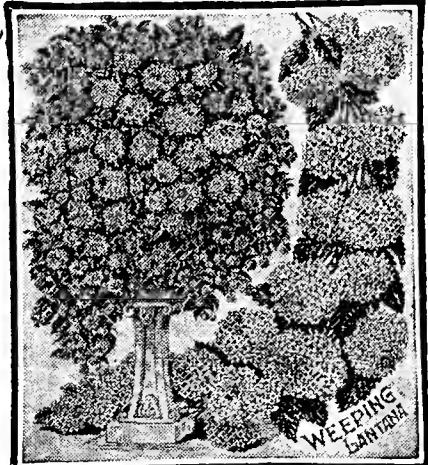
OLEANDERS.

Very attractive plants that can be grown in almost any soil or situation and kept growing all the year or rested in the cellar. The dark green willow-like foliage is very neat and pleasing.

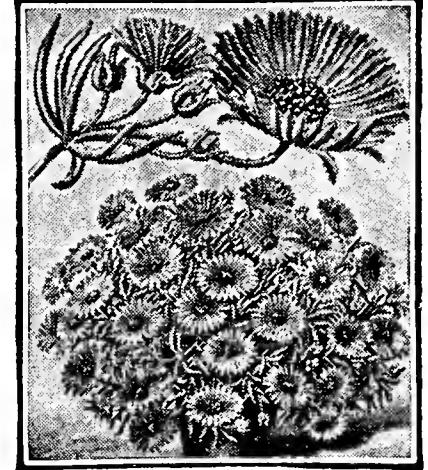
SALMON QUEEN. Large and very beautiful; strong grower, very double with a wonderful salmon-yellow color. 32c each; 3 for 93c.

ROSY MORN. Pink—Large blossoms, rosy pink. A truly magnificent plant, the contrast of foliage and flowers with their delicate color being very striking. 30c each; 3 for 87c.

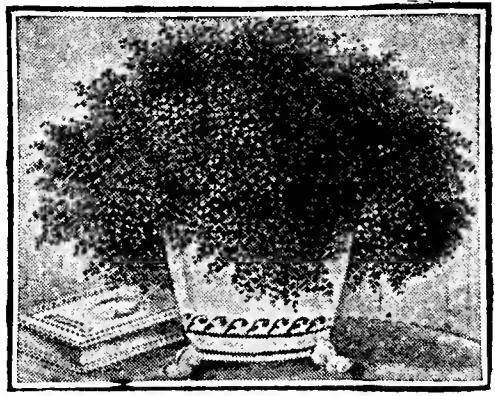
NEW VARIEGATED. Leaves bordered with creamy white. Flowers pink and very double. A magnificent plant; contrast of foliage and flowers very marked. 30c each; 3 for 87c.



Weeping Lantana.



Wax Plant.

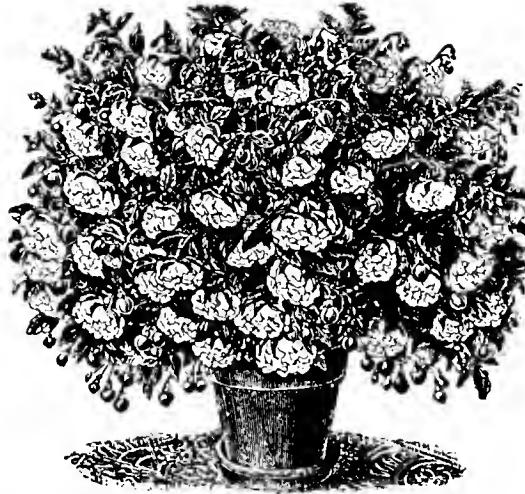


Baby Tears.

"HOUSE PLANTS"

A 36-page illustrated book by Prof. J. G. Moore, Horticulturist, Wis. College of Agriculture. Free on request with a plant order amounting to \$1.00 or over.

OLDS' HOUSE PLANTS



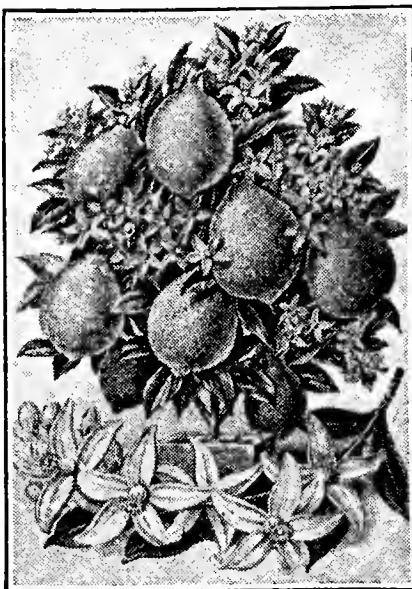
Mammoth Double Fuchsias.



Wandering Jew.

WANDERING JEW.

Popular window garden, hanging basket and porch box plant. Foliage beautifully variegated. Should have plenty of water. 19c each; 3 for 55c.



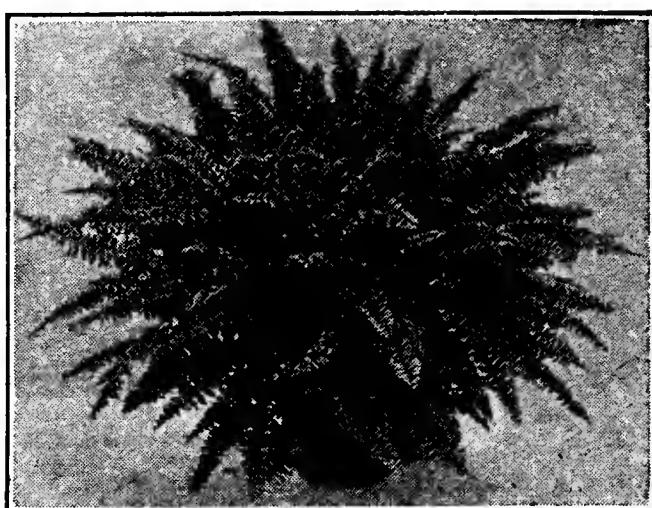
American Wonder Lemon.



Snake Plant (Sansevieria).



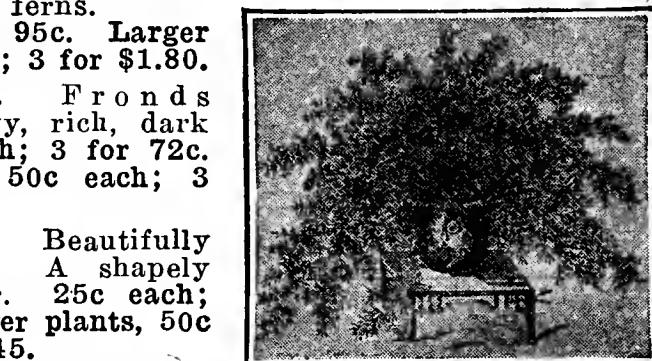
Brazilian Plume Plant.



Popular Boston Fern.



Lace Fern (Asparagus Plumosus).



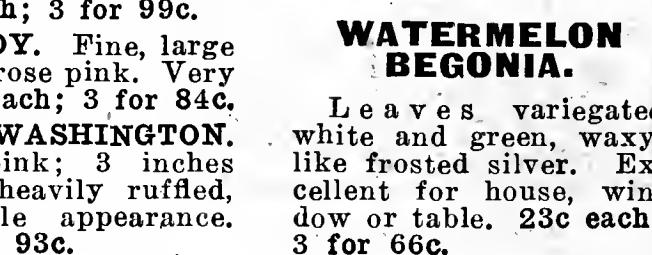
Asparagus Sprengerii.



White Calla Lily.



Watermelon Begonia.



WATERMELON BEGONIA.

Leaves variegated white and green, waxy-like frosted silver. Excellent for house, window or table. 23c each; 3 for 66c.

FREE FLOWERING FUCHSIAS.

GLOIRE DES MARCHES.

Brilliant, deep scarlet. The corolla is very large and double, pure white. 23c each; 3 for 66c.

SPECIOSA. Tube and sepals carmine. 22c each; 3 for 63c.

LITTLE BEAUTY. The loveliest flowering dwarf growing Fuchsia known. Branching like a tree and covered with large perfectly formed flowers. Sepals bright scarlet, with red violet purple corollas. 25c each; 3 for 70c.

ST. BERNARD'S LILY.

ANTHERICUM. A handsome pot plant. Leaves dark green, with stripes and bands of creamy white. White flowers. 28c each; 3 for 81c.

AMERICAN WONDER LEMON.

A true everbearing Lemon. Of easy culture, flowering and fruiting in ordinary soil. 25c each; 3 for 70c. Larger size, 50c each. (Notice: Lemon and orange plants can not be shipped into the following states: Ala., Ariz., Calif., Fla., Ga., La., Miss., Texas, and S. Car.)

DWARF FRUITING ORANGE.

An extra fine pot plant, with glossy leaves. True fragrant orange blooms and abundant little bright oranges that hang on the little bush-like balls of gold for six months after they are ripe. The fruit is sweet and good. 25c each; 3 for 70c. Large size, 50c each.

SNAKE PLANT.

A new and rare decorative plant. 32c each; 3 for 92c. Larger sizes, 50c and 83c each.

GREVILLEA.

SILK OAK TREE. A magnificent plant for decorative purposes. Of rapid growth; fully cut foliage rivaling a rare fern. 20c each; 3 for 58c.

HIBISCUS.

PEACHBLOW. One of the finest plant novelties. Flowers double, rich pink, small crimson center. 24c each; 3 for 69c.

BRAZILIAN PLUME PLANT.

A native of Brazil. Of easy culture. Does equally well in all kinds of soil. A strong rapid grower. Beautiful pink, plume-like flowers. 25c each; 3 for 72c.

DECORATIVE FERNS.

BOSTON. Dark green fronds of unusual length. 20c each; 3 for 58c. Larger plants, 42c each; 3 for \$1.21.

FLUFFY RUFFLES.

Different from all other ferns. Dark, feathery foliage. The compact and irregular shaped fronds which give it the name "Fluffy Ruffles" are so formed as to resemble miniature ferns. 33c each; 3 for 95c. Larger plants, 63c each; 3 for \$1.80.

ROOSEVELT. Fronds broad and heavy, rich, dark green. 25c each; 3 for 72c. Larger plants, 50c each; 3 for \$1.45.

TEDDY JR. Beautifully tapered fronds. A shapely graceful grower. 25c each; 3 for 72c. Larger plants, 50c each; 3 for \$1.45.

OSTRICH PLUME. Wide feathery fronds. 27c each; 3 for 78c. Larger plants, 63c each; 3 for \$1.80.

ASPARAGUS PLUMOSUS.

A tall, climbing, decorative plant of rare and delicate beauty. Its fine and plume-like foliage is a bright green. Fronds six to eight inches wide. 24c each; 3 for 69c. Larger size, 40c each.

ASPARAGUS SPRENGERII.

Valuable house plant of easy culture; sprays four to five feet long. Retains freshness after cutting for a very long time. 23c each; 3 for 66c. Larger size, 38c each.

WHITE CALLA LILY.

White Everblooming. A fine Calla that makes an unusually beautiful house plant. Flowers are large, borne on long, stiff stems, and are of purest white. 27c each; 3 for 78c. Larger size, 42c.

PANSY GERANIUMS.

EASTER GREETINGS. Flowers large and free; bright amaranth red, each petal marked with a large black blotch. 34c each; 3 for 99c.

GARDNER JOY. Fine, large flowers. Petals rose pink. Very beautiful. 29c each; 3 for 84c.

MARY WASHINGTON. Bright, pure pink; 3 inches across; petals heavily ruffled, giving a double appearance. 32c each; 3 for 93c.

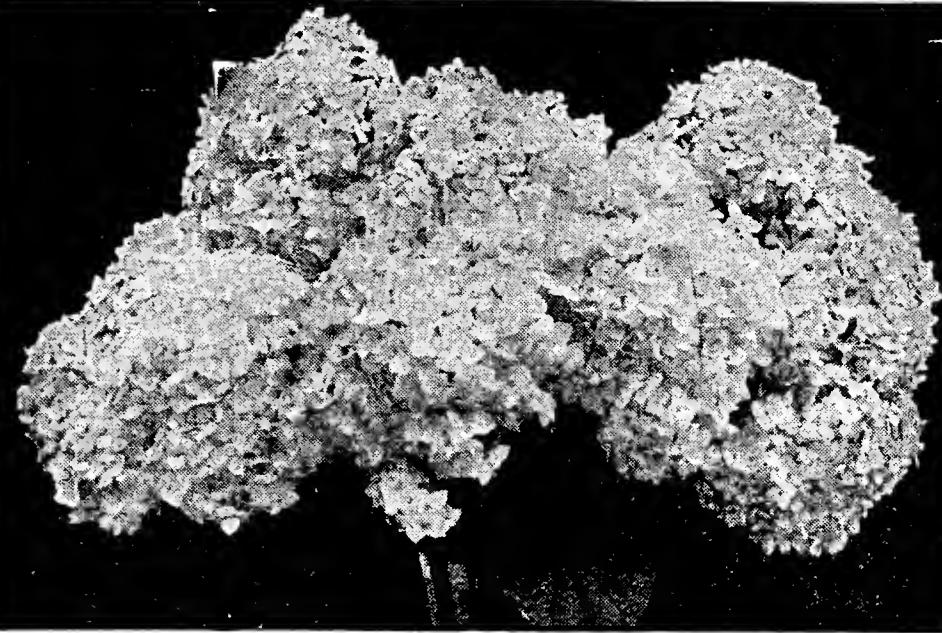
OLDS' ORNAMENTAL SHRUBS AND VINES

Olds' Ornamental Shrubs are all bush formed, well rooted, hardy transplanted stock, measuring 1 1/2 to 2 feet high unless otherwise specified. All nursery stock is packed separately and sent direct from our growing station about 40 miles from Madison. As the planting season for nursery stock is short, please state on your order whether it will be satisfactory to substitute if we are sold out of a variety. This will save delay. Order early if possible. We will fill your order at the proper time for planting.

Please Note: Our shrubs and vines are so large in size that postage and packing is quite an item. When only a single shrub is ordered, therefore, to go alone by mail we are asking our customers to add 10 cents to the price quoted to help take care of this extra expense.

ALMOND PINK. A beautiful small shrub bearing an abundance of small double rose-like flowers. Blooms in May. 55c each; 3 for \$1.50, postpaid.

FORSYTHIA. (Golden Bells.) The first shrub to bloom in the spring, the pendant golden bells appearing before the leaves. 45c each; 3 for \$1.25, postpaid.

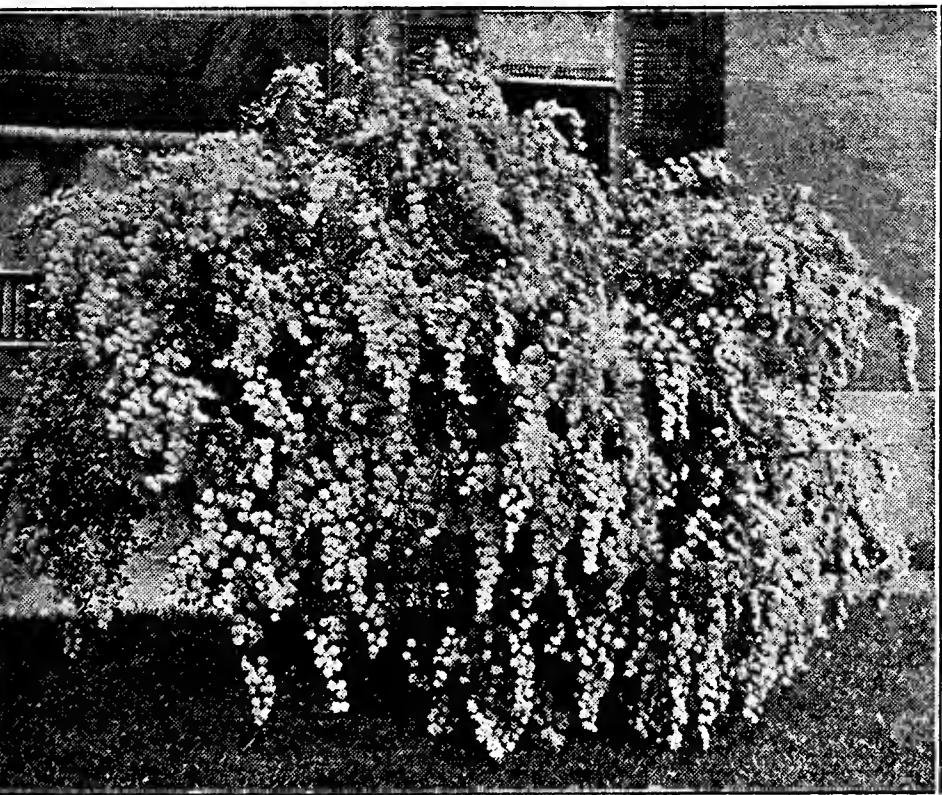


Hydrangea Paniculata.

HYDRANGEA PANICULATA. Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 45c each; 3 for \$1.25, postpaid.

HYDRANGEA ARBORESCENS. (Hill of Snow.) A beautiful new American shrub. Foliage a good green, bluish underneath. 40c each; 3 for \$1.00, postpaid.

HONEYSUCKLE, TARTARIAN PINK. A rapid grower. Attains a height of 8 to 12 feet. Blooms during May. Has slender upright branches and small bright pink flowers followed by orange-yellow berries. 35c each; 3 for \$1.00, postpaid.



Spirea Van Houttei.

SPIREA VAN HOUTTEI. (Hardy Bridal Wreath.) Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. 35c each; 3 for \$1.00, postpaid.

SPIREA, FROEBEL'S. A Japanese type of Spirea with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Begins to bear flat clusters of rose colored flowers almost as soon as planted and continues in bloom until late autumn. 35c each; 3 for \$1.00.

SPIREA, ANTHONY WATERER. 12 to 18-inch stock. Produces bright crimson blooms throughout the summer. Dwarf growing. 35c each; 3 for \$1.00, postpaid.

LILAC, PURPLE. Lilacs are hardy and free flowering shrubs which burst forth with fragrant flowers in the spring and early summer. They do well in most any fertile soil. The purple is most widely known and grown. 40c each; 3 for \$1.10, postpaid.

LILAC, WHITE. Same as the purple only white. 45c each; 3 for \$1.25, postpaid.

LILAC, PERSIAN. Has bright purple flowers but attains a height of only 5 to 6 feet. Blooms during May and June. 45c each; 3 for \$1.10, postpaid.



Prunus Triloba.

PRUNUS TRILOBA. (Flowering Plum.) Really a small tree which has its branches covered before the leaves appear with small, double, pink flowers. 5 to 8 feet in height. 2 to 3-foot stock. 55c each; 3 for \$1.50.

PHILADELPHUS, BOUQUET BLANC (Double Mock Orange). A beautiful new shrub with perfectly double, ivory white, fragrant flowers. The bush is a mass of blossoms. Very showy. 55c each; 3 for \$1.50.

RED BARBERRY. Similar to Japanese Barberry only the leaves are red. The leaves are slightly larger and the branches more upright in growth, color changing from a purplish red to lighter red and bronze in the fall. Used mostly as a specimen bush. 12 to 18-inch stock, 55c each; 3 for \$1.50, postpaid.

SNOWBALL. The Snowball is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. 45c each; 3 for \$1.25, postpaid.

WEIGELIA ROSEA. 5 to 6 feet in height. A hardy and beautiful shrub bearing a profusion of rose-colored flowers. 40c each; 3 for \$1.10, postpaid.

HEDGE PLANTS

PRIVET. Amoor (Siberian). A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. Also a good specimen plant. 1 to 1 1/2-foot stock, 16c each; 10 for \$1.20, postpaid. By express, 100 for \$9.00.

JAPAN BARBERRY. Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. This variety of barberry does not harbor wheat rust and may be planted anywhere. A good plant to use as a protection for evergreens. 1 to 1 1/2-foot stock, 18c each; 10 for \$1.60, postpaid. By express, 100 for \$14.00.

HARDY VINES

CHINESE PURPLE WISTERIA. One of the most rapid growing of all climbing plants. Has very beautiful clusters of pale blue flowers in May and June, also frequently blooms again in the fall. Grafted stock, 70c each.

CLEMATIS-PANICULATA. A very desirable hardy garden vine. Flowers are white, medium sized, star-shaped and the plant is a profuse bloomer. The kind to use for covering trellises. Each, 45c; 3 for \$1.25.

CLEMATIS-JACKMANII. Similar to Paniculata only the flowers are violet purple and larger. Each, 80c.

BOSTON IVY. (Veitchi.) The well known vine for covering brick and stone work. 50c each; 3 for \$1.35.

ENGELMANNII IVY. It has a foliage which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; harder than the Boston Ivy and will do well in any situation. 35c each; 3 for \$1.00, postpaid.

OLDS' HARDY FRUIT AND SHADE TREES

OLDS' APPLES AND CRABS

Prices of all Apple and Crab Apple Trees, 4 to 5-foot trees, well branched, by express: 45c each; 10, assorted varieties if preferred, for \$3.90; 100 for \$35.00. Write for special prices in larger quantities. All trees are ordinarily sent by express. If wanted by mail add 15 cents per tree for postage. See pages 55 and 61 for our guarantee and instructions.

SUMMER VARIETIES

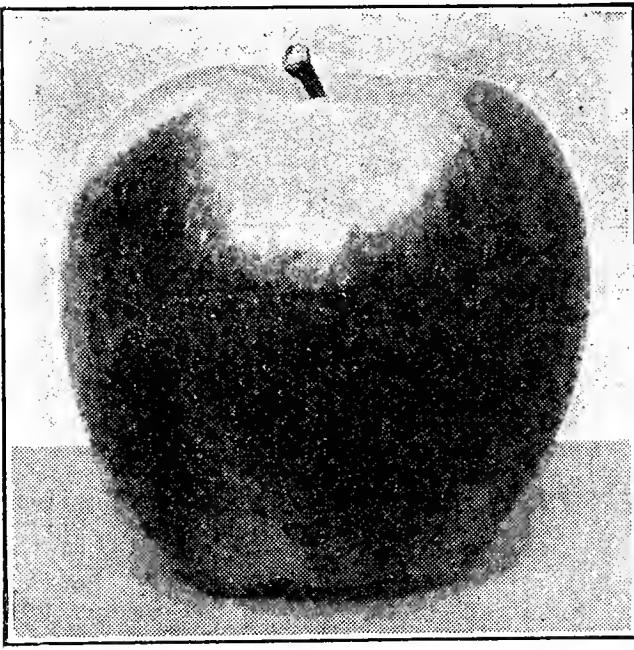
YELLOW TRANSPARENT. An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

DUCHESS OF OLDENBURG. A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

LIVELAND. A very hardy apple. Color white, shading to crimson; flesh, white. Very juicy and sweet. Bears during July and August.

AUTUMN VARIETIES

WEALTHY. The one fall apple with a perfect score as regards dessert, cooking and market qualities in contests of the Wisconsin Horticultural Society. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.



Delicious, Most Popular Eating Apple.

"I have found your Lillacs to be the most moderately priced and the most highly satisfactory of any seed company. I am more than pleased with them, and I shall certainly always recommend Olds to my friends."
Violet Lininger, California.

WINTER VARIETIES

DELICIOUS. Good size, fine quality. Tree good grower and hardy. Most popular newer variety for eating.

GOLDEN RUSSET. Medium, dull russet, quality the best. Tree enormous and early bearer.

JONATHAN. Medium, red, extra fine quality.

McINTOSH. One of the best and most satisfactory apples for Wisconsin. Medium size, spicy, bright red and of highest quality. Tree vigorous with spreading head. Annual bearer. If you have room for only one apple tree plant this variety.

NORTHWESTERN GREENING. Hardy, yellow, of good size; extra long keeper. Good cooker.

BAYFIELD. The tree is a rapid grower, bearing large red apples of splendid quality that will keep up to May 15th. It is well adapted for the large commercial orchard.

PERKINS. The fruit is large, red, and round as a ball. Flesh fine-grained with a delicious flavor. Not as hardy as some winter varieties but does well in southern Wisconsin.

RED WING. A long-keeping winter apple slightly larger than Wealthy. Streaked with red on a yellow back-ground. Acid enough to make it a good cooking apple. This variety originated in Minnesota where it has received the highest premiums at the Minnesota State Fair.

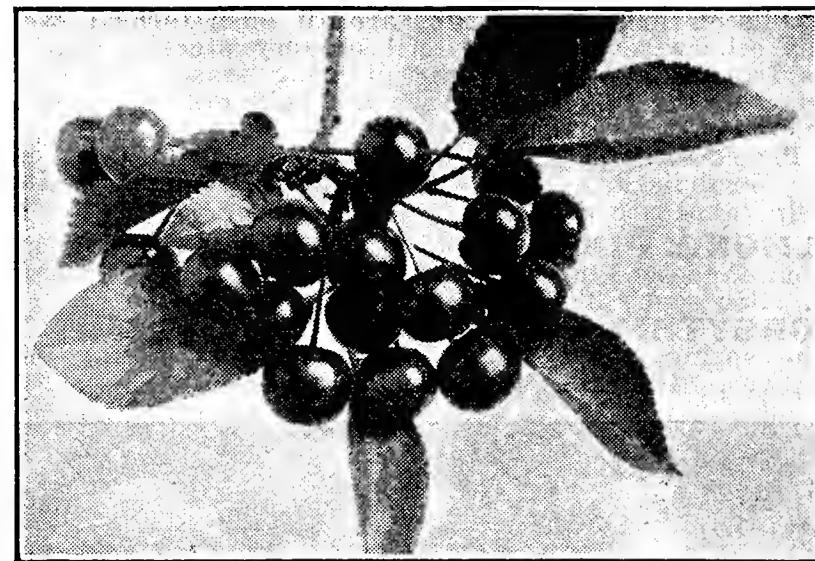
TALMAN SWEET. The best winter sweet apple for home and market. Flesh white and fine grained. Productive and hardy.

FAMUSE. (Snow.) The popular Snow Apple. Medium, deep crimson, flesh white, of best quality. Famous eating apple.

CRAB APPLES

HYSLOP. Large, deep crimson; most beautiful.

WHITNEY. One of the largest; splashed carmine, firm, juicy. Great bearer. Fine eating apple.



Montmorency Cherry.

HARDY CHERRIES

Prices of Cherries, 3 to 4-foot trees, well branched: Each, 50c; 10 for \$4.25; 100 for \$37.50, by express.

★MONTMORENCY. Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

★EARLY RICHMOND. An early variety of extreme hardiness bearing large crops. Light to dark red, juicy.

HARDY PLUMS

Prices, all Plums, 4 to 5-foot trees, well branched, by express: Each, 50c; 10 for \$4.25; 100 for \$37.50. Assorted if desired.

★UNDERWOOD (MINNESOTA NO. 91). Earliest and hardiest of the large new plums, ripening August first to August 15th, and attaining a size of 1 3/4 inches in diameter. Fruit red, juicy; very small pit, free stone.

OPATA. The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower, bearing heavily one year after it is planted. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and small pit. Free stone.

SAPA. Dark flesh of fine quality. Five-foot trees at three years bear 1 to 1 1/2 bushels each and keep it up.

WANETA. The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and flavor.

TOKA. This is a cross between the American plum and the fragrant Apricot of China. The tree is remarkably strong and vigorous. Fruit dark red in color, very handsome, firm, large and a good shipper.

HARDY PEARS

Prices of Pears, 3 to 4-foot trees, well branched: Each, 55c; 10 for \$4.90, by express.

BARTLETT. Large, buttery, juicy, high flavored, great bearer; very popular, early. (August.)

CLAPP'S FAVORITE. Very large, early, yellow and red, with russet specks; melting rich. (August.)

KEIFFER. Forms a beautiful tree with glossy green leaves. The fruit is of good quality. Early and prolific.

SHADE TREES

For lawn or street planting. Strong, well-rooted, well branched, 6 to 8-foot trees. We ship by express.

ELM, American White. The most beautiful of all elms. It is a wide-spreading tree borne up to a considerable height on a straight and shapely trunk. Each, \$1.25.

ELM, Vase. A beautiful shade tree. The branches grow up and away from the center of the tree, giving it its appropriate name. Recommended for planting on a wide street or where a broad growing tree is desired. Grafted trees, each, \$1.00; 3 for \$2.75.

MOUNTAIN ASH. A native tree. When quite young this tree will produce berries in large clusters of an orange color. Grows about 18 feet tall. Each, \$1.00.

SILVER MAPLE. (Soft Maple.) A well known ornamental tree with wide-spreading slender branches. Each, 75c.

WHITE ASH. A good strong tree, producing a broad round head with a strong clean trunk. Will do well on practically any soil. Each, \$1.00; 3 for \$2.75.

HARDY CATALPA. A handsome large foliage tree. Its fine racemes of flowers in early summer are a distinguishing feature, while in the autumn it has a heavy crop of long pendent beans. Each, \$1.00; 3 for \$2.75.

LOMBARDY POPLAR. A tall picturesque spire-like tree. Fine for formal plantings along avenues or for marking the boundaries of grounds. Each, 75c; 3 for \$2.00.

BECHTEL'S CRAB. A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular variety. 3 to 4-foot trees, 80c each; 3 for \$2.25.

OLDS' RASPBERRIES, GRAPES and STRAWBERRIES

RASPBERRIES

★LATHAM. A grand new red raspberry possessing splendid market qualities. We call this the best raspberry thus far introduced. Will live through the winter in Wisconsin without any protection.

ST. REGIS. The only dependable everbearing red raspberry. The fine fruit ripens in mid-season and continues through the fall.

Strong, heavy plants Mosaic free.

Prices, above two varieties: 3 for 35c; 6 for 60c; 12 for \$1.00, postpaid. By express, 50 for \$3.50; 100 for \$6.00; 1,000 for \$40.00.

CUMBERLAND. A wonderfully productive variety. Berries run $\frac{1}{8}$ to 1 inch in diameter. Black in color. Price, 3 for 40c; 6 for 70c; 12 for \$1.25, postpaid. By express, 50 for \$4.00; 100 for \$7.00.

GRAPES

Strong plants, all varieties but Concord. Price, each, 22c; 3 for 60c; 10 for \$1.85; \$17.50 per 100, postpaid. Assorted varieties if desired.

Grapes are one of the best and most healthful fruits we have. Perfectly hardy and easy to grow in any soil if not too wet. Plant along a garden fence, beside an arbor or in rows 8 feet apart. Grow delicious grapes in your own garden.

NIAGARA. Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough; quality much like Concord.

★WORDEN. An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

DELAWARE. An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

BETA. The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium sized, jet black, juicy and of fair quality.

MOORE'S EARLY. Bunch and fruit large, very productive and of superior quality. Vine exceedingly hardy. Desirable for early market. Its hardiness particularly adapts it to Canada and Northern portions of the United States.

★CONCORD. The old standard purple grape, doing well everywhere. A heavy yielder. Price, each, 20c; 3 for 55c; 10 for \$1.60; 100 for \$15.00, postpaid.



Concord Grape.

OLDS' STRAWBERRY PLANTS

Our Strawberry Plants are freshly dug, well packed and sent by themselves at planting time direct from our growing station about 50 miles north of Madison. They are well rooted, large plants. Order early. Write for prices on large quantities. Ask for Wisconsin Bulletin No. 360, "Strawberry Culture in Wisconsin."



A Box of Progressive Everbearing Strawberries.

MASTODON. The largest Everbearing Strawberry. Nine selected berries have filled a quart box. The berries are firm and solid and of a rich, glossy red, delicious in flavor considering their size. Not a shipper. It is undoubtedly the largest, heaviest producing strawberry yet introduced. Price: 12 plants for 50c; 25 for \$1.00; 50 for \$1.75; 100 for \$2.75, postpaid. By express: 500 for \$6.50; 1,000 for \$12.00.

JUNE BEARING STRAWBERRIES

BEAVER. (Perfect Flowering.) Our new June bearing strawberry. The Beaver is an offspring of the Dr. Burwell and Premier and a much better berry than either one, as the berries are larger, sweeter and firmer. Will stand unfavorable soil and climatic conditions better than any other variety. The berries are dark red to the center, of a uniform size and the texture firm, requiring picking not more than twice a week. A deliciously mild and sweet berry. In season it is classed as an extra early but it will bear on through with the late varieties. See back of catalogue envelope. Price: 50 plants for 75c; 100 for \$1.20; 500 for \$4.00; 1,000 for \$6.50, postpaid.

DR. BURRELL. (Perfect Flowering.) Medium, "The Million Dollar Berry." Does well in all soils and climates. Fruit large, dark red, glossy and fine. Price: 25 for 45c; 50 for 65c; 100 for \$1.15, postpaid.

WARFIELD. (Imperfect Flowering.) Plant with Senator Dunlap.

AROMA. (Perfect Flowering.) Plants large, vigorous, with a splendid root system. Fruit large, holding its size well throughout all the pickings. The berry is nearly round, smooth and perfect in form, of a beautiful bright, glossy red color, very firm and of high quality. It is medium late in season, much more than average in yield and a sure cropper every year. Price: 25 for 45c; 50 for 65c; 100 for \$1.15, postpaid.

SENATOR DUNLAP. (Perfect Flowering.) Considered by many the best all-around June strawberry. At any rate it is the one most widely known. The plants are medium in size, long rooted and thoroughly drouth resistant. The variety is unusually productive, beginning to ripen early and continuing to bear for a long time.

The fruit is of medium size, smooth, regular and firm and the color is a beautiful red extending well to the center of the berry. Price: 25 for 45c; 50 for 65c; 100 for \$1.15. By express: 500 for \$3.25; 1,000 for \$5.75.

Olds' Field Seeds

Known For Reliability

45 Years



A Fine Field of Pure Red Clover in Full Bloom.

OLDS' CLOVER SEED

HARDEST AND PUREST SEED. Our Medium Clover this year was all grown in the Central Northwest, mostly in the states of Wisconsin, Illinois and Minnesota. We are not handling seed from the far west and we never have any foreign grown seed. Probably the best clover for our section this year is Illinois grown. Wisconsin and Minnesota crops were light. The seed we offer is not only the **hardest and best adapted** but it is the **purest and cleanest** that it is possible to secure. It is entirely free from dodder and buckhorn and all other noxious weeds. You can order it with perfect confidence. Ask for Wisconsin Bulletin No. 199, "Sow Northern Grown Domestic Red Clover Seed." Also Bulletin No. 175, "Bring Back Clover."

TESTED SEED. Never sow clover seed that has not been cleaned and officially tested. To sow uncleaned and untested seed is to run the risk of introducing bad weeds to your farm. Many a farmer has done just that thing. Furthermore it is against the law, at any rate in Wisconsin, for anyone, even your nearest neighbor, to sell you untested seed. Make sure all the seed you sow is thoroughly cleaned and that it shows a high test for both purity and germination with no noxious weeds. **Buy Olds' "Old Gold Brand" Clover Seed and play safe.**

PRICE OUTLOOK. Will clover be higher at seeding time? We think it will. The crop is again short and the need for seeding and re-seeding will be tremendous. Certainly a very large proportion of last year's seeding has been killed out by the severe drouth of the summer. Even with purchasing power conditions as they are the very low prices prevailing at this writing are not likely to last very long. **"Buy early to save money" is our advice.**

PRESENT PRICES OF MEDIUM RED CLOVER

Old Gold Brand—By mail: Lb., 30c. By freight: Lb., 25c; $\frac{1}{2}$ pk., \$1.20; pk., \$2.25; bu. (60 lbs.), \$8.60; 100 lbs., \$14.25; 500 lbs. at \$14.00. Bags extra at 22c.

Lakes Brand: Pk., \$2.15; bu., \$8.30; 100 lbs., \$13.75; 500 lbs. at \$13.50. Bags extra.

(Our Old Gold Brand represents the best and tests around 99.5 per cent in purity.)

MAMMOTH CLOVER

Resembles Medium but larger. Best for pasture and fertilizer. Our seed of Mammoth is all Wisconsin grown. Prices, Old Gold Brand—By mail: Lb., 30c. By freight: Lb., 25c; $\frac{1}{2}$ pk., \$1.25; pk., \$2.35; bu., \$8.90; 100 lbs., \$14.75; 500 lbs. at \$14.50. Bags extra.

Lakes Brand: Pk., \$2.25; bu., \$8.60; 100 lbs., \$14.25; 500 lbs. at \$14.00. Bags extra.

ALSIKE CLOVER

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding and the price is lower. Our Alsike is northern Wisconsin and Minnesota grown.

Prices, by mail—Old Gold Brand: Lb., 30c. By freight: Lb., 25c; $\frac{1}{2}$ pk., \$1.15; pk., \$2.20; bu. (60 lbs.), \$8.45; 100 lbs., \$14.00; 500 lbs. at \$13.75. Bags extra at 22c.

Lakes Brand. Contains a little White Dutch Clover and Timothy. Excellent for pasture. Better for that purpose even than clear Alsike. Pk., \$2.10; bu., \$8.15; 100 lbs., \$13.50; 500 lbs. at \$13.25.

WHITE DUTCH CLOVER. Very fine for lawns. Keeps the lawn green during hot, dry weather. Our stock is European grown, very fancy seed, the best we can buy. The Wisconsin White Clover crop was about a failure the past season.

Prices, by mail—Old Gold Brand: Lb., 50c; 3 lbs., \$1.35. By freight: Lb., 45c; $\frac{1}{2}$ pk., \$2.85; pk., \$5.50; bu. (60 lbs.), \$21.25; 100 lbs., \$35.00.

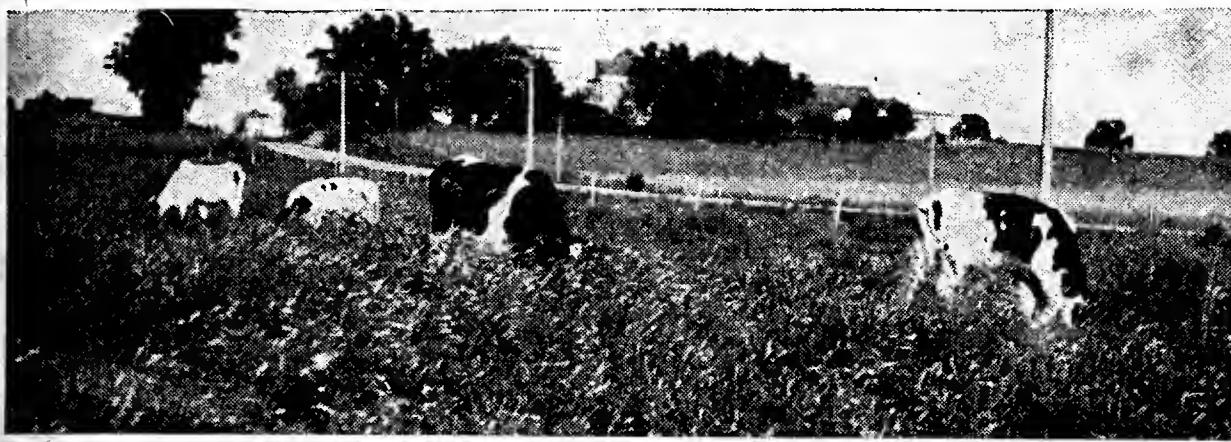
Lakes Brand: Pk., \$5.00; bu., \$19.50; 100 lbs., \$32.00.

Note: Prices named here are good until Feb. 15th only. After that ask for our "Weekly Price List."



OLDS' SWEET CLOVER

"Sweet Clover Has an Important Place in the Livestock Agriculture of Wisconsin." (Wis. Bulletin No. 178.) Sweet Clover is now a staple crop. Our sales of seed have shown a substantial increase each year during the last 3 years. Some of the reasons for its value are:



Grazing Sweet Clover in a Dry Season.

(Courtesy Wisconsin College of Agriculture.)

it makes good hay if cut at the right time and cattle will eat it. The Grundy County is the best for hay.

Fourth—Easily Grown. It grows readily on most all soils and good stands can often be secured where red clover and alfalfa fail entirely.

Fifth—Prepares for Alfalfa. It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

CULTURE. Sweet Clover is best sown in the spring with one bushel of extra early oats or barley per acre as nurse crop. Sweet Clover can also be sown successfully in June or July without a nurse crop or in corn at the last cultivation. **Fifteen Pounds of Seed per Acre** is usually sufficient, a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing with Nitragin. See page 67. Use lime if your soil is sour. Be sure to have a good seed bed. Most any well-drained soil is all right for Sweet Clover and you will be pleased with the crop if you do your part in handling it right. Ask for Wisconsin Bulletin No. 178, "Sweet Clover and the Summer Feed Supply."

SWEET CLOVER PRICES. Prices of Sweet Clover seed at this writing are probably the lowest ever known. It is not likely they will remain long at the present level. The 1932 crop was $\frac{1}{3}$ smaller than the 1931 crop and many growers failed to harvest their seed because they were not offered enough to pay for the expense of cutting and hulling. Buy early before prices advance if you can possibly do it.

COMMON WHITE BLOSSOM SWEET CLOVER.

The best probably for pasture and for soil building and the most largely sown for all purposes.

Prices—Old Gold Brand — By mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 55c; pk., \$1.00; bu. (60 lbs.), \$3.50; 100 lbs., \$5.75; 500 lbs. at \$5.60. Bags extra at 22c.

Lakes Brand: Pk., 95c; bu., \$3.35; 100 lbs., \$5.50; 500 lbs. or over at \$5.35. Bags extra.

(Our "Old Gold Brand" is our best grade and shows high tests. It is North Dakota grown. Our Sweet Clover is all hulled and scarified. We never send out un-hulled seed.)

GRUNDY COUNTY WHITE BLOSSOM.

This is the famous dwarf strain of Sweet Clover originated in Grundy County, Illinois. It is much better for hay than the Common White Blossom because it is finer and more leafy.

We have a splendid large stock of Grundy County seed and prices this year are the same as for the large Common. Goes further because the seed is smaller.

Prices—Old Gold Brand: Pk., \$1.00; bu., \$3.50; 100 lbs., \$5.75; 500 lbs. at \$5.60. Bags extra at 22c.

Lakes Brand: Pk., 95c; bu., \$3.35; 100 lbs., \$5.50.

YELLOW BLOSSOM SWEET CLOVER.

This is the large strain of Yellow Sweet Clover, biennial the same as the Common White. Some say it is better for pasture than the White because it stays green longer.

Prices—Old Gold Brand: $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$3.80; 100 lbs., \$6.25; 500 lbs. at \$6.10. Bags extra.

NOTE: Sweet Clover prices quoted on this page are good until Feb. 15th only. Ask for "Weekly Price List" after that date. Samples free. Ask us for Wisconsin Bulletin No. 416, "Success With Sandy Soils."



Pasturing Off the Nurse Crop Helps Sweet Clover Seedlings.

(Courtesy Wisconsin College of Agriculture.)

ALBOTREA YELLOW BLOSSOM.

Albotrea is a strain of Dwarf Yellow Blossom Sweet Clover originated in Canada. Has been grown several seasons on the Wisconsin Experiment Station Farm and they think very highly of it there. They say it is much to be preferred to the regular Biennial White Blossom and they like it better than Grundy County as it gives higher yields, both of hay and seed.

Prices— By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; $\frac{1}{2}$ pk., 80c; pk., \$1.50; bu., \$5.50; 100 lbs., \$9.00.

HUBAM. (The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year. Very desirable for a honey crop because it continues to blossom all summer long.

Prices— By mail: Lb., 40c. By freight: Lb., 35c; $\frac{1}{2}$ pk., \$1.15; pk., \$2.00; bu., \$6.50; 100 lbs., \$10.50.



PARCEL POST RATES, IN EFFECT BEGINNING OCT. 1, 1932.

1st and 2nd Zones (up to 150 miles from Madison) 8c for the first pound, 1.1c for each additional pound.
 3rd Zone (151 to 300 miles from Madison) 9c for the first pound, 2c for each additional pound.
 4th Zone (301 to 600 miles from Madison) 10c for the first pound, 3.5c for each additional pound.
 5th Zone (601 to 1,000 miles from Madison) 11c for the first pound, 5.3c for each additional pound.
 6th Zone (1,001 to 1,400 miles from Madison) 12c for the first pound, 7c for each additional pound.
 7th Zone (1,401 to 1,800 miles from Madison) 14c for the first pound, 9c for each additional pound.
 8th Zone (over 1,800 miles from Madison) 15c for the first pound, 11c for each additional pound.

Packages must not exceed 70 pounds in weight for all zones.



107 Acres Alfalfa on Farm of Swartz Bros., Waukesha County, Wis., That Yielded 535 Tons of Splendid Hay.

OLDS' FANCY ALFALFA SEED

OLDS' SEED CO. MADISON, WIS.
Alfalfa is easily the leader this year in the entire list of Agricultural Seeds. Because of its outstanding performance as the most valuable of all hay crops, especially in a dry season like the last, farmers will sow more Alfalfa Seed the coming spring than ever before. Unfortunately the 1932 seed crop was very short, one of the smallest crops on record in practically every Alfalfa seed producing state. It will not be a question therefore of price so much this year but it will be a question of getting the seed of the kind you want.

VERIFIED ORIGIN and STATE CERTIFIED. All the Alfalfa seed we send out this year will be "Verified Origin Seed" and all the Grimm alfalfa will be also "State Sealed and Certified." "Verified Origin" means that a U. S. Government tag will appear on every bag verifying the statement as to the locality where the seed was grown. Where the original sack is broken, however, in filling an order for just the amount wanted the official tag will not appear.

HARDY DAKOTA ALFALFA NO. 12

HARDY DAKOTA ALFALFA NO. 12
Hardy Dakota is a leader with us in Common alfalfa. We have a fairly large stock of beautiful pure seed, all U. S. Verified Origin Seed, from the Black Hills region of western South Dakota. The unusual hardiness of our Black Hills Dakota No. 12 seed is no doubt largely due to the fact that the seed contains a lot of Grimm seed. Most of the farmers growing this seed had Grimm seed in the early days but kept no records; so it cannot be sold as Grimm.

Prices—By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; $\frac{1}{2}$ pk., \$1.80; pk., \$3.50; bu. (60 lbs.), \$13.25; 2 bus. at \$13.15; 5 bus. at \$13.00. 60-pound sacks free. Dakota is all in 60s.



Treat All Alfalfa Seed with Nitragin.

HARDY MINNESOTA ALFALFA

Minnesota has not been considered an Alfalfa seed growing state in the past, but it is the state where Grimm Alfalfa originated and this year we have a splendid stock to offer of high testing genuine Minnesota grown Alfalfa, mostly from Grimm Stock. This seed was grown in northern Minnesota, near the Canadian border. We do not offer it as Grimm as it is not State Certified. We call it simply "Hardy Minnesota Alfalfa, Verified Origin."

This seed will be mighty desirable, especially for Wisconsin. We consider it better even than Dakota.

Prices—By freight: $\frac{1}{2}$ pk., \$1.80; pk., \$3.50; bu., \$13.25; 2 bus. at \$13.15; 5 bus. at \$13.00. Sacks free.

FANCY NORTHERN NEBRASKA ALFALFA

We have this year a quantity of Alfalfa seed that was grown on the northern edge of Nebraska, close to the South Dakota line. This seed is from Dakota No. 12 seed, which was grown in the Black Hills region just across the state line. In fact, this same seed is offered by some seed houses as Dakota No. 12, Nebraska grown. For appearance it is the finest of any Alfalfa we offer with high tests. It is U. S. Verified Origin seed.

Prices: $\frac{1}{2}$ pk., \$1.60; pk., \$3.00; bu., \$11.50; 100 lbs., \$19.00; 500 lbs. at \$18.50. Grain bags extra at 22c.

HARDY WISCONSIN

We have a limited quantity of Genuine Wisconsin Grown Alfalfa Seed, mostly if not all from Grimm seed although we do not offer it as Grimm. Prices, while it lasts, same as for Hardy Minnesota.

FANCY KANSAS ALFALFA

Kansas Alfalfa has proved itself very desirable for Wisconsin. At the Wisconsin Experiment Station they place it next to Montana and Dakota for hardiness. Our seed is beautiful bright seed of high quality, "Verified Origin," and the price the lowest of all we offer.

Prices: $\frac{1}{2}$ pk., \$1.40; pk., \$2.65; bu., \$10.00; 100 lbs., \$16.50; 500 lbs. at \$16.00. Bags extra.

Note.—All Alfalfa prices are subject to change after Feb. 15th. Write for "Weekly Price List" after that date.



Four Tons of Alfalfa Hay an Acre When Timothy and Clover Failed.

OLDS' GRIMM ALFALFA

Grimm Alfalfa is well known as the hardiest alfalfa. The seed costs more, but it pays to use it to insure against winter killing when the unfavorable season comes. All the Grimm seed we offer is not only "U. S. Verified Origin," but also "State Sealed and Certified." Beware of Grimm not State Certified.

BLACKFOOT GRIMM

The Blackfoot Brand of Grimm Alfalfa is a specially choice and famous strain of Grimm grown by an association of Idaho farmers who have absolutely genuine seed and who have all their fields inspected and the seed state certified and state sealed. These growers can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota.

We are large distributors of Blackfoot Grimm. In fact it is a decided leader of ours. The available supply of seed this year is limited as the crop was short. Get your order in as early as possible.

"Blue Tag" Blackfoot Grimm, the highest grade of Grimm Alfalfa, must show a purity of not less than 99.5 per cent, must be entirely free of dodder and all other noxious weeds but may contain a slight trace of sweet clover, not to exceed 1/32 of 1 per cent.

Prices—"Blue Tag"—By mail: Lb., 40c. By freight: Lb., 35c; 1/2 pk., \$2.25; pk., \$4.35; 1/2 bu., \$8.25; bu., \$16.00; 2 bus. at \$15.90; 5 bus. at \$15.75. 30 and 60-lb. sacks free.

"Red Tag" Blackfoot Grimm is nearly equal in purity to "Blue Tag." It must test at least 99 per cent and be free of noxious weeds but may contain as high as 1/16 of 1 per cent sweet clover.

Prices—"Red Tag"—By freight: Lb., 35c; 1/2 pk., \$2.10; pk., \$4.10; 1/2 bu., \$7.60; bu., \$14.75; 2 bus. at \$14.65; 5 bus. at \$14.50. Sacks free.



Alfalfa Wins when Clover Seedings are Killed by Drought.

IDAHO "BLUE TAG" CERTIFIED GRIMM

Because we feel sure that there will not be enough Blackfoot Grimm to supply the demand we have secured a stock of genuine State Certified Idaho Grimm, "Blue Tag."

This is beautiful seed showing an exceptionally high purity, 99.8 per cent.

Prices: 1/2 pk., \$2.25; pk., \$4.30; bu., \$15.75; 2 bus. at \$15.65; 5 bus. at \$15.50. Bushel sacks free. Ask for Bulletin No. 374, "Wisconsin's Opportunity with Alfalfa."

**ALWAYS LOOK ON THE LABEL for the
GERM COUNT, yearly Expiration DATE
and the PRICE**

INOCULATE your legumes

Alfalfa, clovers, soy beans, cow peas, vetch, peas, lespedeza, beans ... with

The Original Legume Inoculator

NOBBE-HILTNER PROCESS

NITRAGIN

TRADE MARK REG'D. DEC. 5, 1898 NO. 32212

COSTS YOU FAR LESS

When you buy NITRAGIN you buy billions of fresh Legume Germs—not just a package of inoculation. You cannot see the Germs, but NITRAGIN is the only inoculant sold that actually guarantees the number packed in each container.

PLAY SAFE—USE NITRAGIN

The Germ Count and the Expiration Date on the label of every can gives you double protection. NITRAGIN is always reliable.

Buying a cheap Inoculant by price on package only is a gamble. Like cheap seed, cheap inoculants are by far the most expensive.

NITRAGIN IS EASY TO APPLY WITH OR WITHOUT WATER

NITRAGIN is a granular moist soil-like culture packed in tins. Directions on every can. If mixed well can be applied to seed without water and good inoculation will result. However any inoculation will give more uniform results when water is used as recommended by agricultural authorities.

Remember NITRAGIN can do anything claimed by other inoculants and do it BETTER and CHEAPER.



Guaranteed Fresh each Year.
Leads in High Germ Count

NITRAGIN INOCULATION PRICES

When ordering, always specify
kind of seed.

Alfalfa, all Clovers

Size	Retail
1/2 bu.	\$.50
1 bu.	.90
5 bu.	4.00

Peas, Vetch, Beans, Austral Winter

Peas

Size	Retail
1/2 bu.	\$.40
1 bu.	.60
*1-2/3 bu.	.90
5 bu.	2.50

**100 lb. size." Pack-
ed only for Vetch
and Aust. Pea.

Soy Beans, Cow Peas, Lespedeza

(Hulled)

Size	Retail
1 bu.	\$.40
2 bu.	.70
5 bu.	1.50
10 bu.	2.50

Garden NITRAGIN for Peas, Beans, Sweet Peas

Inoculates from 1 oz.
to 8 lbs. seed,
Price 25c

OLDS' TIMOTHY, RED TOP AND LIGHT GRASSES

OLDS' TIMOTHY SEED

Our Timothy Seed is the purest and best that can be obtained. It is all thoroughly recleaned and free from noxious weeds with high tests, most of it testing 99.6 per cent purity or better.

Present prices are ridiculously low. Last year our best seed was \$6.00 per 100 pounds at the beginning of the season and we quoted from the Government report at that time that the price then was "the lowest in 21 years." Today our selling price is only \$4.00 per hundred pounds. It may be higher later, probably will be, but it is a good year to sow seed liberally.

Prices, Old Gold Brand, by mail: Lb., 25c. By freight: Lb., 20c; 1/2 pk., 30c; pk., 50c; bu. (45 lbs.), \$1.85; 100 lbs., \$4.00; 500 lbs. at \$3.85. Bags extra at 22c.

Lakes Brand: Bu., \$1.80; 100 lbs., \$3.85; 500 lbs. at \$3.70. Bags extra.

TIMOTHY AND ALSIKE MIXED. (1-5 Alsike): Pk., 75c; bu. (45 lbs.), \$2.75; 100 lbs., \$6.00; 500 lbs. at \$5.85.

OLDS' FANCY RED TOP

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. It not only succeeds on dry land but is also adapted to moist soils.

Buy plenty of seed. The crop was fine and the price is a long way below anything ever heard of before, just half last year's price.

Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 10 lbs., \$1.25; 100 lbs., 500 lbs. at 22c. (Timothy and Red Top prices are good until Feb. 15th only. Ask for "Weekly Price List", after that.)

LIGHT GRASSES

Prices of all the following grasses include sacks. While prices may change in some instances they will probably stand as given here for the season. Ask for special prices in large quantities. We handle only the best grades.

FANCY KENTUCKY BLUE GRASS

Blue Grass is another item that produced an unusually large crop the past season and the price is accordingly way down low. Use plenty of seed. It pays to use the seed liberally anyway. Blue Grass, sometimes called June Grass, is the foundation grass for lawns.

Old Gold Brand (21 pound seed)—By mail: Lb., 30c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$12.50.

Lakes Brand (19 pound seed): 10 lbs., \$1.95; 100 lbs., \$12.00.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$12.50.

DOMESTIC RYE GRASS. Grown in the state of Washington. Much cheaper than the European grown rye grass. May be used in lawn mixtures where a quick effect is wanted. By freight: Lb., 20c; 10 lbs., \$1.00; 100 lbs., \$6.00.

BROME GRASS (*Bromus Inermis*). Yields enormous quantities of hay. Splendid for a permanent grass. By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 35c; 5 lbs., \$1.10; 10 lbs., \$2.00; 100 lbs., \$14.00; 500 lbs. at \$13.50.

ORCHARD GRASS. Withstands drouth and will grow in the shade. By mail: Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$10.50; 500 lbs. at \$10.25.

ASTORIA BENT GRASS. We offer this year Astoria Bent Grass, grown in Oregon, in place of the old South German Mixed Bent or Creeping Bent that we have handled in the past. It is better for lawns because more easily cared for and less subject to brown patch. Desirable also for golf courses. The seed is State Sealed and Certified.

Prices, by mail: Lb., \$1.00; 3 lbs., \$2.75. By freight: Lb., 90c; 10 lbs., \$7.50; 100 lbs., \$65.00.

CHEWINGS' FESCUE. A very fine pure strain of Fescue, selected by a man named Chewings. Grown in New Zealand. Seed very reasonable this year. By freight: Lb., 35c; 10 lbs., \$2.25; 100 lbs., \$18.50.

ROUGH STALKED MEADOW. Grows in the shade. By freight: Lb., 35c; 10 lbs., \$2.25; 100 lbs., \$18.00.

REED CANARY GRASS

Reed Canary Grass is a very valuable new perennial hay and pasture crop especially desirable for low, marshy land. Continues to grow without care or attention. Very highly recommended by the Wisconsin and Minnesota Experiment Stations.

For Pasture it lengthens the grazing season as it starts very early in the spring, even before the water that may cover it disappears, and continues to furnish an abundance of pasturage throughout the entire season until late in the fall.

For Hay. It makes a heavy yield of good quality hay as good as timothy and superior to wild hay. Ordinarily two or more cuttings can be made in a season. As high as seven tons of hay per acre have been produced in one season.

CULTURE. Sow in the spring, alone or with grain, 4 to 6 pounds of seed per acre broadcast, or 2 to 3 pounds with drill. It makes a permanent grass when once established. Ask us for Wisconsin Bulletin No. 120, "About Reed Canary Grass."

Prices, by mail: Lb., 85c; 3 lbs., \$2.40. By freight: Lb., 80c; 5 lbs., \$3.75; 10 lbs., \$7.00; 100 lbs., \$60.00.

OLDS' PASTURE MIXTURE

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Blue Grass and others.

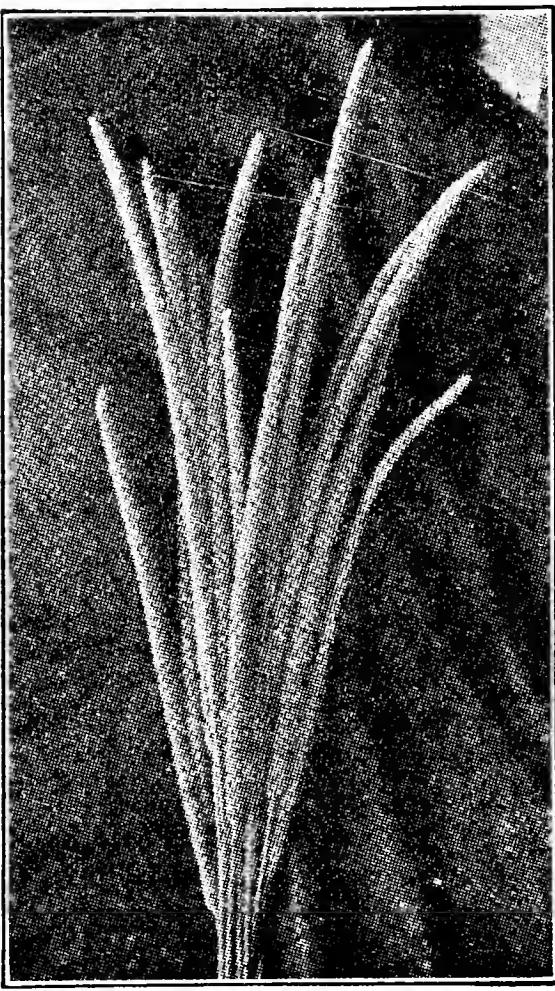
By freight: Lb., 20c; 10 lbs., \$1.60; 100 lbs., \$12.00; 500 lbs. at \$11.75.

OLDS' MEADOW MIXTURE

For a permanent stand of grass to be cut for hay. It consists of about the same grasses as used in our Pasture Mixture, but in different proportions.

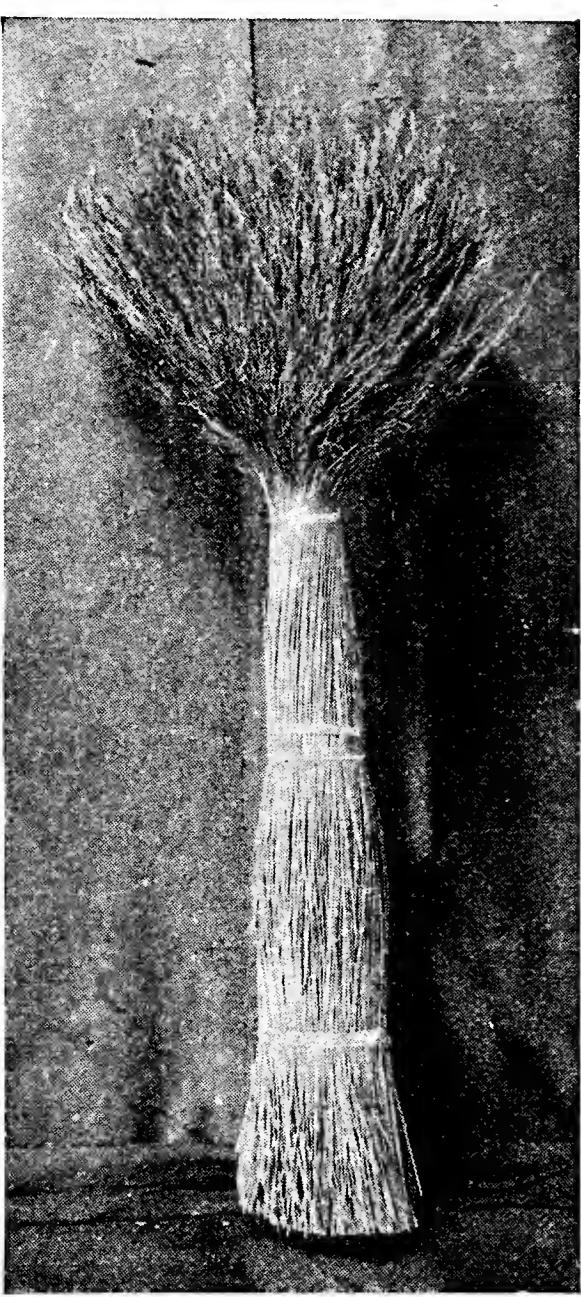
By freight: Lb., 20c; 10 lbs., \$1.50; 100 lbs., \$11.00; 500 lbs. at \$10.75.

Prices of Field Seeds are subject to change after February 15th.



Olds' High Grade Timothy Grows Long Heads.

\$7.50; 500 lbs. at \$7.25. Bags extra at 22c. (Timothy and Red Top prices are good until Feb. 15th only. Ask for 'Weekly Price List', after that.)

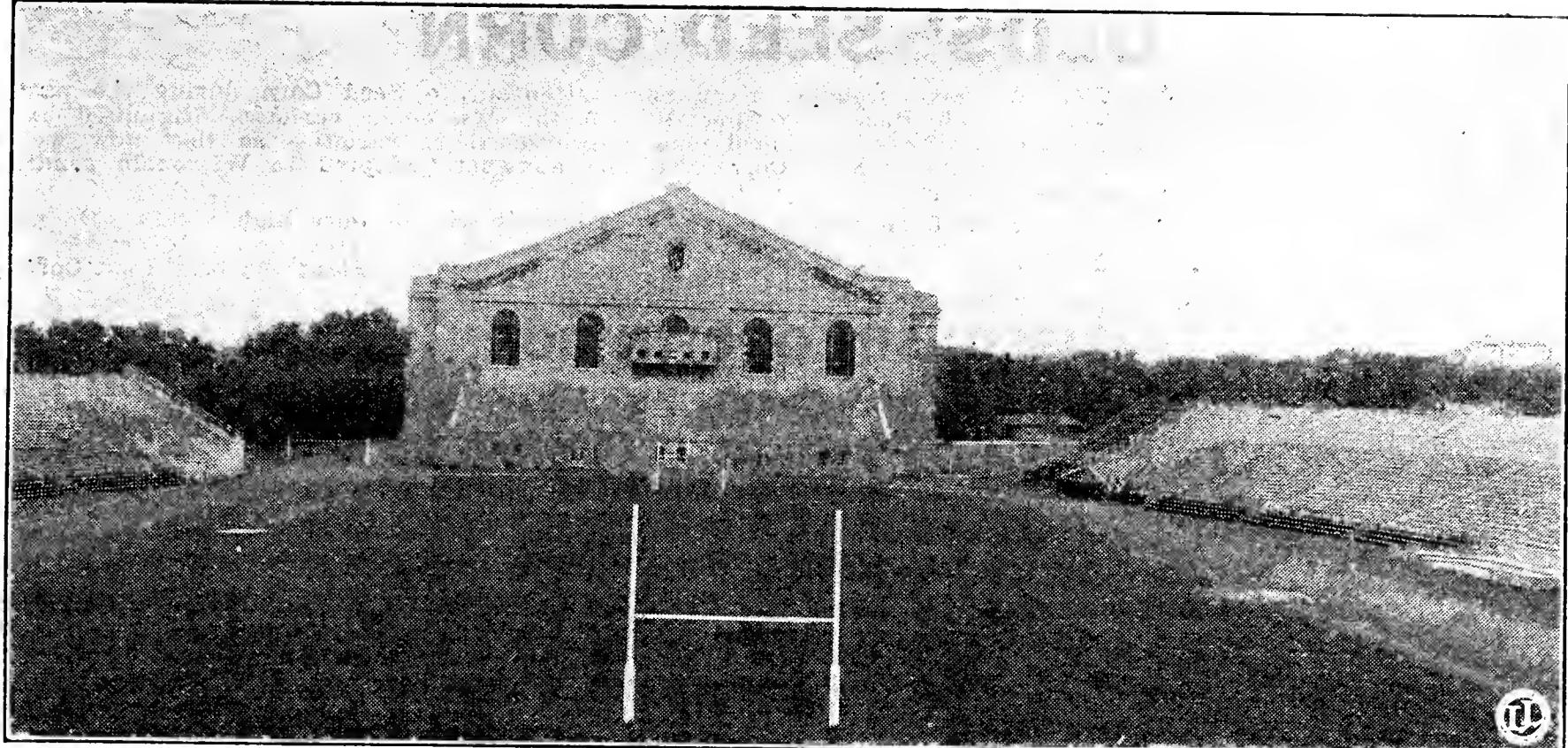


Olds' Fancy Red Top.



Reed Canary Grass.





University of Wisconsin Foot Ball Grounds at Madison With the New Field House in the Background. The Thick, Tough Turf is from Olds' Lawn Grass.

OLDS' LAWN GRASS

Olds' Lawn Grass has won a reputation. We offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain timothy and none are cheap mixtures.

It is poor economy to sow cheap, light weight lawn grass such as is offered in many stores. The price is low enough this year anyway, even for the best seed.

"QUALITY COUNTS"

"A seemingly cheap grass seed mixture is often the most expensive in the end. There are mixtures of so-called 'lawn grass seed' on the market retailing at from 15 to 20 cents per pound. These should be avoided because they are almost certain to prove unsatisfactory. There is no more important consideration in making a lawn than the seed." Prof. Franz A. Aust in "The Beautiful Lawn."

CULTURE—Sow Lawn Grass at the rate of one pound for each 250 to 300 square feet, or not less than 150 pounds per acre. Spring is the best time for making a lawn although the seed may be sown any time from early spring until about October 1st, except for a few weeks during the dry time of midsummer. Use a Lawnette or Vigoro Spreader for sowing the seed. See page 88. Use Vigoro for fertilizer. Sulphate of Ammonia is also good. Every lawn, new or old, needs fertilizer. Many lawns need lime also. See pages 92 and 93.

We will send on request Wisconsin Circular No. 92, "What Fertilizers for Lawns and Gardens." Also, a 16-page illustrated folder, "The Home Beautiful." If interested in golf courses, ask for "Golf-Course Maintenance."

OLDS' MADISON PARKS LAWN GRASS

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Rough Stalked Meadow, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. We recommend Madison Parks Lawn Grass as our best lawn mixture. By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.60; 100 lbs., \$23.00. Sacks free. (Note: Lawn Grass prices are lower than ever this year. Use plenty of seed. It pays.)

WISCONSIN SHADY MIXTURE

A new mixture recommended by Prof. Aust. Rough Stalked Meadow, a fine grass that has proven wonderfully successful in dense shade, is very largely used in this mixture. The mixture also contains other high priced grasses that are specially adapted to shaded locations. There is an increasing demand for a lawn grass that will really do well in the shade. We recommend this.

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.10; 100 lbs., \$27.50. Sacks free.

OLDS' CAPITAL LAWN GRASS

Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent Capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover.

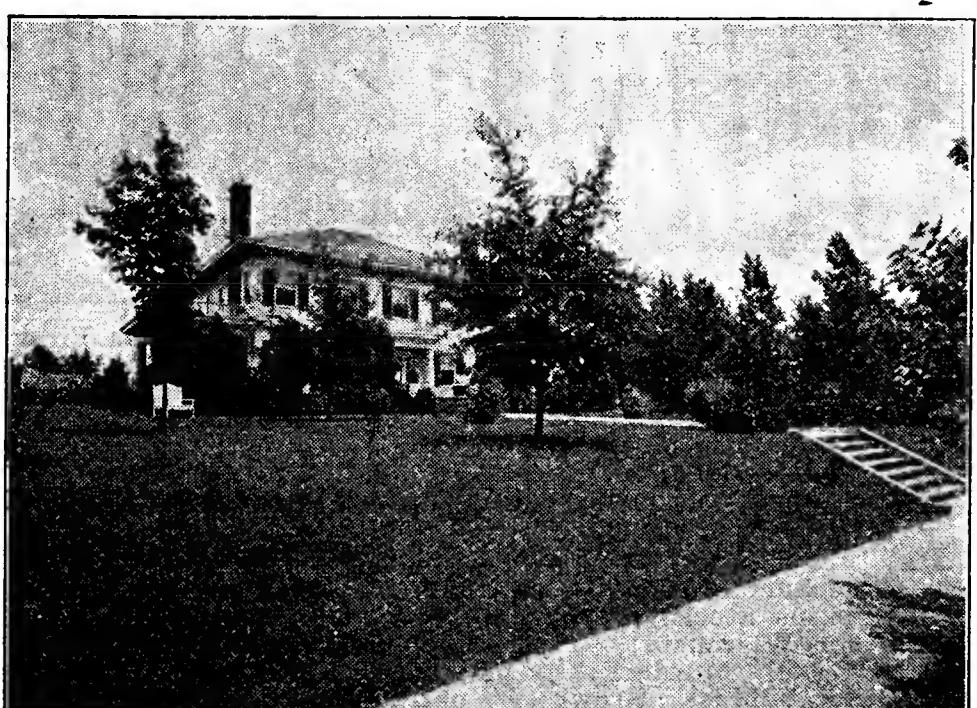
By mail: Lb., 30c; 3 lbs., 85c. By freight: Lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.10; 100 lbs., \$18.00. Sacks free.

OLDS' OLD GOLD LAWN GRASS

A good mixture at a low price. We have been making it for years and it has given general satisfaction. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., 25c; 3 lbs., 70c. By freight: Lb., 20c; 5 lbs., 90c; 10 lbs., \$1.75; 100 lbs., \$14.50. Sacks free.

Prof. Aust says: "Good seed is of first importance in making a lawn." He also says that it pays to keep re-seeding your lawn every spring, adding new seed and raking it in early in spring after removing dead grass.



Good Seed and "Vigoro" Made This Lawn.

OLDS' SEED CORN



KNOWN FOR RELIABILITY. We have probably given more attention to Seed Corn during the past 20 years or more than to any other single item. We specialize in the Wisconsin varieties originated at the Wisconsin Experiment Station and we have developed and improved those varieties so that now we feel safe in saying that there are no stocks of Seed Corn available anywhere adapted to Wisconsin conditions that are quite equal to the stocks we offer.

HIGH YIELDING STRAINS. Olds' Seed Corn will not only grow but it will produce high yields. Do not be careless about the seed you plant this year. There is of course plenty of cheap corn lying around everywhere this year but our best seed is low enough, way below the lowest prices ever made before. Plant the best Seed Corn you can get as the cost of it is only a trifle anyway.

WISCONSIN GROWN CORN

OUR CORN GROWN BY SPECIALISTS. We have our corn grown, selected, sorted, dried and graded by a group of expert corn men in different parts of the state who grow the different Wisconsin varieties on a large scale. All our Wisconsin corn is fire-dried and it is all from select ears. Most of our growers use the new Wright corn dryers. The corn is either tipped before shelling or thoroughly graded after shelling and much of it graded with Hero Corn Graders. See page 89. Prices were very low last year but are still lower this year.

CERTIFIED CORN. The Wisconsin Experiment Association certifies stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. The corn must be grown at least 40 rods from any other variety, must be true to type, practically free from mixture and show at least 95 per cent germination. All of our special stocks are Certified.

STATE SEALED AND VERIFIED CORN. In addition to having our corn certified by the Wisconsin Experiment Association we have arranged with the Wisconsin Department of Agriculture to have many of our Special Stocks State Sealed and Verified as to genuineness. Each full bag will be state sealed and accompanied by an official tag. This applies to the corn from Brueckner, Bishop, Spangler and Hopkins.

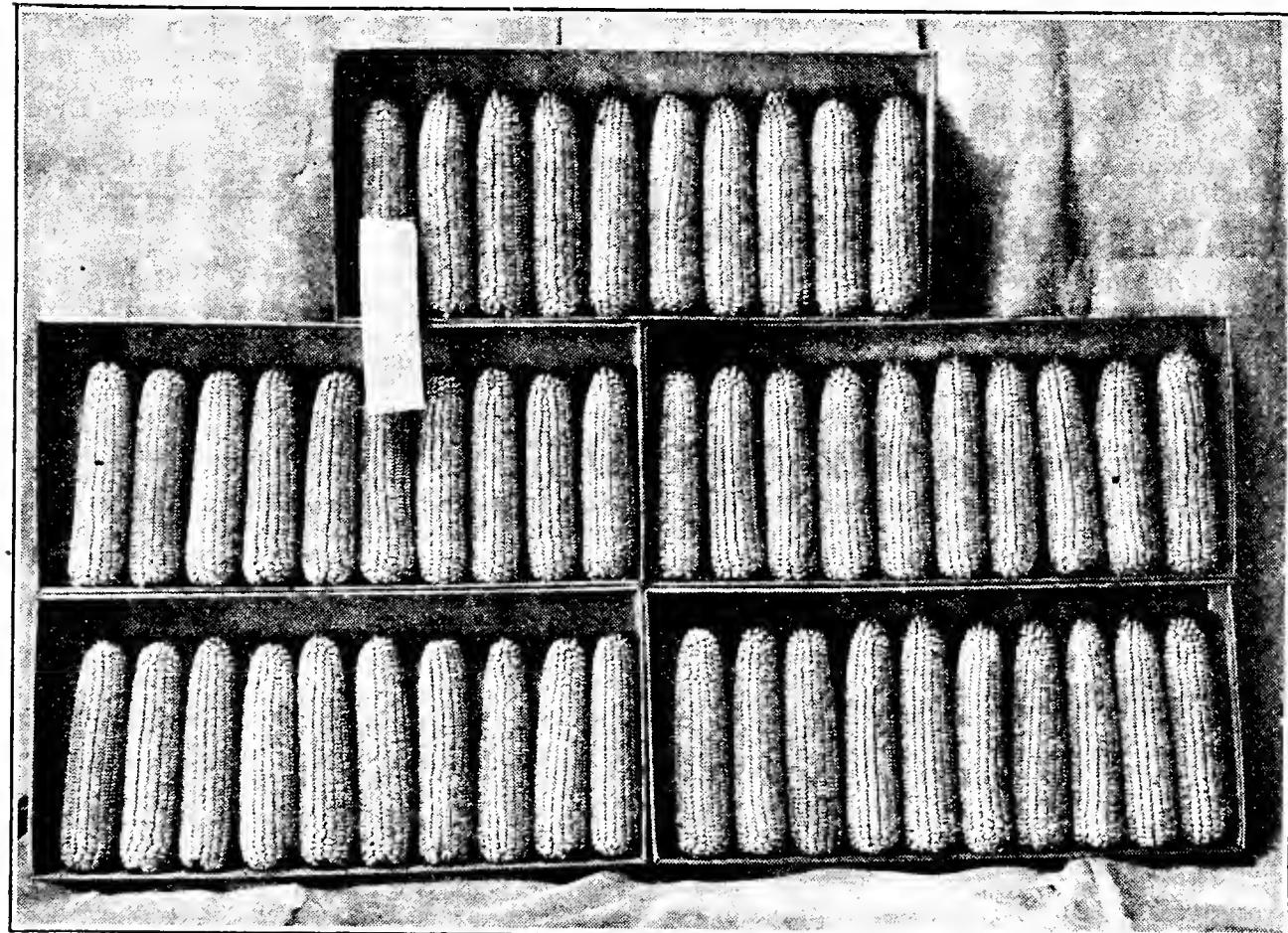
OUR GUARANTEE: Note our guarantee as to quality on page 1. This applies to corn, as well as other things. We guarantee, however, only to the extent of the amount paid us and will not be responsible for the crop. (Ask for Wisconsin Special Circular, "Use Phosphate, It Pays.")

"WISKA" SEED CORN

"Wiska" is the name given by the Wisconsin Department of Agriculture to seed corn grown one year in Nebraska from approved Wisconsin seed stocks of the Wisconsin varieties. This corn has proven so very satisfactory when brought back here that our agronomists now recommend it very highly, and have given it this distinguishing name, "Wiska." All our "Wiska" corn is State Sealed and Verified by the Wisconsin Department of Agriculture. Each full bag will bear an official state tag certifying as to the genuineness of the corn. As a result of careful tests carried on at the Wisconsin Station it has been found that "Wiska" corn matures just as early as corn actually grown in Wisconsin although it does not always produce as uniform a yield.

MURDOCK YELLOW DENT. (Wisconsin No. 13.)

SWEEPSTAKES CORN OF THE NORTHERN ZONE.



Murdock Yellow Dent is our favorite variety of corn. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. This was over 20 years ago and the Brueckner Murdock that we have now has had the advantage of all the years since then in breeding, selection and improvement. Mr. Brueckner took more than 35 premiums in 12 years.

Murdock Yellow Dent is of a deep yellow color, ears 8 1/2 to 9 1/2 inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a whole lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Better for silage than Golden Glow. Not quite as early but nearly so.

BRUECKNER MURDOCK. We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years up to the time of his death in 1922, and he was selecting and further improving the corn each year during all that time. Since his death his son, Leo Brueckner, has continued to offer this year Murdock we offer this year was

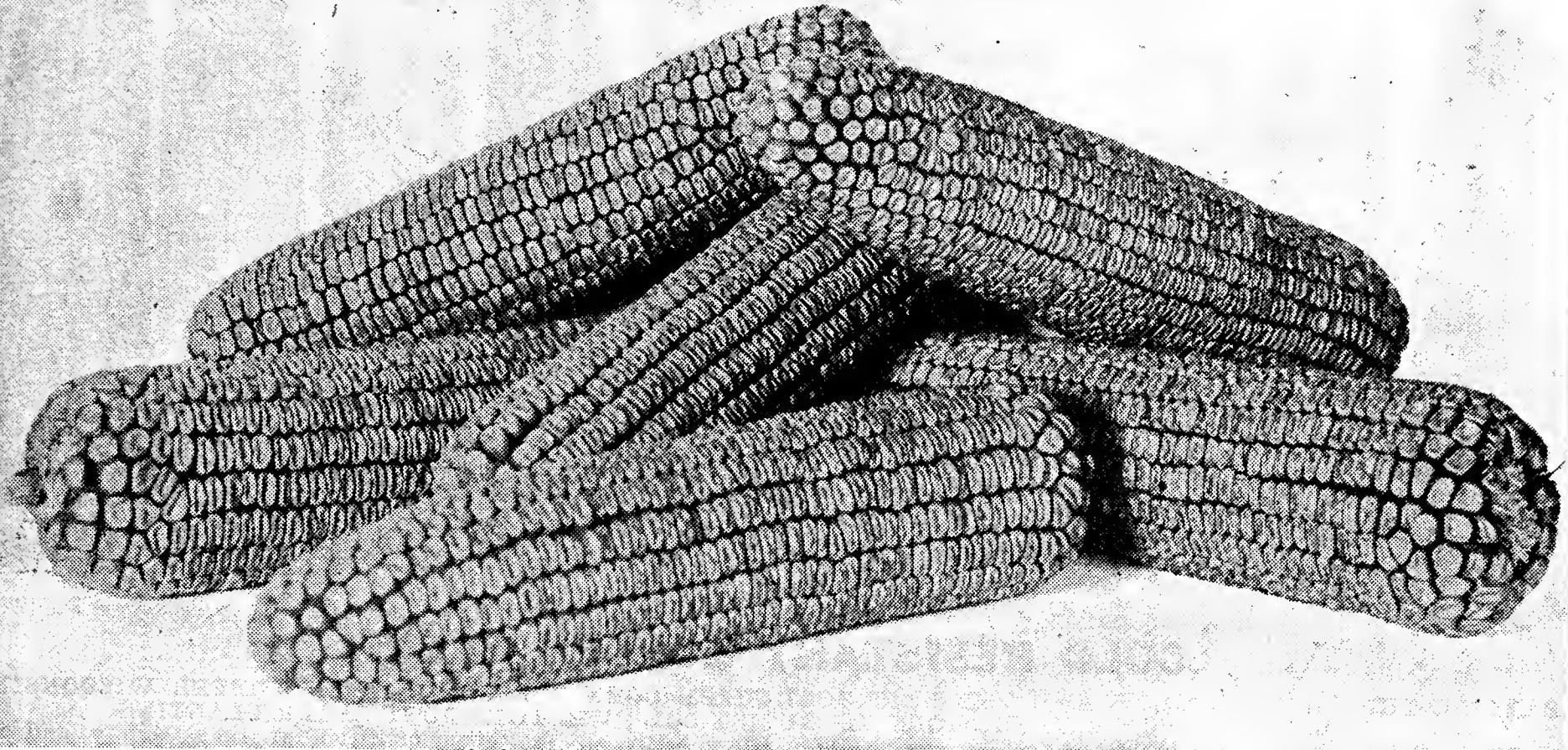
Brueckner Murdock. The 50-Ear Sample that Won First Prize at the 1920 Wisconsin Pure Bred Grain Show. Exhibited by Mr. H. C. Brueckner. the work of developing and improving, using his father's methods. All the Brueckner Murdock grown by him and is all State Certified and Verified.

We offer also Murdock grown by Mr. J. W. Hopkins of Dane County. This stock is also State Certified and State Sealed and Verified.

Our other Wisconsin grown Murdock is fire-dried and choice and most of it from Brueckner seed originally.

PRICES OF MURDOCK YELLOW DENT:

Brueckner Stock: 1/2 pk., 35c; pk., 60c; bu. (56 lbs.) \$2.00; 2 1/2 bus. at \$1.95; 10 bus. at \$1.85. Bags extra.
Hopkins Stock: 1/2 pk., 35c; pk., 60c; bu., \$1.90; 2 1/2 bus. at \$1.85; 10 bus. at \$1.75. Bags extra.
Other Wisconsin: 1/2 pk., 30c; pk., 55c; bu., \$1.75; 2 1/2 bus. at \$1.70; 10 bus. at \$1.60. Bags extra.
"Wiska" Murdock: 1/2 pk., 30c; pk., 45c; bu., \$1.50; 2 1/2 bus. at \$1.45; 10 bus. at \$1.35.
Other Nebraska Grown: 1/2 pk., 25c; pk., 40c; bu., \$1.35; 2 1/2 bus. at \$1.30; 10 bus. at \$1.20. Bags extra at 22c.
Any variety of corn—by mail: Lb., 20c; 3 lbs., 50c. By freight: Lb., 15c.



Bishop Heavy Yield Golden Glow, An Unusually Desirable Strain.

GOLDEN GLOW (Wisconsin No. 12.)

THE FAVORITE VARIETY OF CORN FOR WISCONSIN.

OLD'S SEED CO.
WISCONSIN
 Golden Glow is the most popular variety of Wisconsin corn. It is grown more largely by far than any other. In fact, the statement has been made by our agronomists at the Wisconsin College of Agriculture that probably at least half of all the corn grown in Wisconsin now is Golden Glow. It certainly is well adapted to all sections of the state as far north as north-central Wisconsin. It is a little earlier than either Murdock or Silver King, hence safer in an unfavorable season.

Description. Golden Glow is a pure golden yellow corn, ears fairly large, the standard official length being $8\frac{1}{4}$ to $9\frac{1}{4}$ inches. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

BISHOP HEAVY YIELD GOLDEN GLOW. We have a specially fine strain of Golden Glow, grown by Mr. W. E. Bishop in Trempealeau County, Western Wisconsin. The Bishop strain is characterized by uniformity of type and color, strong vigorous growth, earliness of maturity, and, most important of all, by "heavy yield." Mr. Bishop almost always reports a yield of around 100 bushels per acre for his entire acreage.

Mr. Bishop has been growing and improving this "Heavy Yield" strain of Golden Glow for many years. This is the sixteenth year that we have offered it. Our stock is State Certified and State Sealed and Verified. See preceding page for explanation. Mr. Bishop grades his corn very close, using a Hero Corn Grader.

HOPKINS DANE COUNTY GOLDEN GLOW. We have also a stock of very fine Golden Glow grown right here in Dane County on the Hopkins farm. Some may prefer this to the Bishop stock because it is grown a little further south. This stock also is State Certified and State Sealed and Verified.

PRICES OF GOLDEN GLOW:

Bishop Heavy Yield: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.00; $2\frac{1}{2}$ bus. at \$1.95; 10 bus. at \$1.85. Bags extra, 22c.

Hopkins Stock: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.90; $2\frac{1}{2}$ bus. at \$1.85; 10 bus. at \$1.75. Bags extra.

Other Wisconsin: $\frac{1}{2}$ pk., 30c; pk., 55c; bu., \$1.75; $2\frac{1}{2}$ bus. at \$1.70; 10 bus. at \$1.60.

"Wiska" Golden Glow; $\frac{1}{2}$ pk., 30c; pk., 45c; bu., \$1.50; $2\frac{1}{2}$ bus. at \$1.45; 10 bus. at \$1.35.

Other Nebraska Grown: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.35; $2\frac{1}{2}$ bus. at \$1.30; 10 bus. at \$1.20.

Note.—All corn prices are subject to change after Feb. 15th. Our prices are based on the present low corn market and they may be higher as the season advances. We urge ordering now at these low prices.

Are you troubled with gophers and crows? If so, treat your seed with Crotox. It costs less than 10 cents per acre. See page 93.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1933.

Per 100 Lbs., Less than Car Lots, to Points Named Below.

(Clovers, Grass Seeds and Garden Seeds go as third class; Grain, Corn, Poultry Food and Potatoes, fourth class.)		3rd.		4th.		3rd.		4th.		3rd.		4th.	
Antigo, Wis.	\$0.48 $\frac{1}{2}$	\$0.36	Aurora, Ill.	\$0.43	\$0.31	Fargo, N. D.	\$1.10	\$0.86	Dallas, Texas	\$1.72	\$1.35		
Ashland, Wis.	.62 $\frac{1}{2}$	.38 $\frac{1}{2}$	Bloomington, Ill.	.51	.37	Grand Forks, N. D.	1.18	.92	Denver, Colo.	1.62	1.28		
Baraboo, Wis.	.22	.16	Champaign, Ill.	.57	.41	Fremont, Neb.	.97	.76	Cheyenne, Wyo.	1.50	1.25		
Beloit, Wis.	.24	.17 $\frac{1}{2}$	Chicago, Ill.	.43	.31	Hastings, Neb.	1.16	.91	Billings, Mont.	2.20	1.70		
Clinton Jc., Wis.	.25	.19	Decatur, Ill.	.55	.40	Lincoln, Neb.	1.02	.80	Miles City, Mont.	2.32 $\frac{1}{2}$	1.77		
Dodgeville, Wis.	.24	.17 $\frac{1}{2}$	Elgin, Ill.	.41	.29	Omaha, Neb.	.92	.73	Seattle, Wash.	3.67 $\frac{1}{2}$	3.11		
Eau Claire, Wis.	.45	.34	Freeport, Ill.	.33	.24	Kansas City, Mo.	.92	.73	Spokane, Wash.	3.13 $\frac{1}{2}$	2.63		
Evansville, Wis.	.19 $\frac{1}{2}$	.15	Galesburg, Ill.	.50	.36	St. Joseph, Mo.	.92	.73	Portland, Ore.	3.67 $\frac{1}{2}$	3.11		
Fond du Lac, Wis.	.31	.23	Joliet, Ill.	.43	.31	St. Louis, Mo.	.64	.46	Salt Lake City, Utah	2.77	2.23		
Green Bay, Wis.	.41 $\frac{1}{2}$	.31	La Salle, Ill.	.45	.32	Springfield, Mo.	.84	.60	Los Angeles, Cal.	3.67 $\frac{1}{2}$	3.11		
Janesville, Wis.	.22	.16	Peoria, Ill.	.50	.36	Fort Wayne, Ind.	.59	.42	San Francisco, Cal.	3.67 $\frac{1}{2}$	3.11		
Jefferson, Wis.	.22	.16	Rockford, Ill.	.34	.25	Indianapolis, Ind.	.62	.45	New Orleans, La.	1.57	1.23		
La Crosse, Wis.	.38	.28 $\frac{1}{2}$	Rock Island, Ill.	.46	.33	South Bend, Ind.	.53	.38	Phoenix, Ariz.	3.13 $\frac{1}{2}$	2.63		
Lodi, Wis.	.18 $\frac{1}{2}$	.15	Springfield, Ill.	.57	.41	Terre Haute, Ind.	.62	.45	Albany, N. Y.	1.04	.74		
Mauston, Wis.	.26 $\frac{1}{2}$	.20 $\frac{1}{2}$	Woodstock, Ill.	.38	.27	Cleveland, Ohio.	.76	.54	Buffalo, N. Y.	.83	.59		
Mazomanie, Wis.	.19 $\frac{1}{2}$	.15	Cedar Rapids, Ia.	.57	.45	Columbus, Ohio.	.73	.52	New York, N. Y.	1.13	.81		
Middleton, Wis.	.17 $\frac{1}{2}$	.15	Clinton, Ia.	.41	.29	Dayton, Ohio.	.67	.48	Harrisburg, Pa.	1.02	.73		
Milwaukee, Wis.	.30 $\frac{1}{2}$	.22 $\frac{1}{2}$	Davenport, Ia.	.46	.33	Toledo, Ohio.	.66	.47	Philadelphia, Pa.	1.11	.80		
Monroe, Wis.	.27 $\frac{1}{2}$	.20 $\frac{1}{2}$	Des Moines, Ia.	.77	.61	Detroit, Mich.	.66	.47	Pittsburgh, Pa.	.86	.62		
Mt. Horeb, Wis.	.19 $\frac{1}{2}$	.15	Dubuque, Ia.	.45	.32	Grand Rapids, Mich.	.51	.37	Hartford, Conn.	1.13	.81		
Platteville, Wis.	.31	.23	Sioux City, Ia.	.90	.71	Kalamazoo, Mich.	.55	.40	Bangor, Me.	1.27	.91		
Portage, Wis.	.22	.16	Waterloo, Ia.	.64	.51	Saginaw, Mich.	.62	.45	Concord, N. H.	1.14	.82		
Reedsburg, Wis.	.25	.19	Faribault, Minn.	.73	.57	Marquette, Mich.	.78	.62	Trenton, N. J.	1.12	.80		
Sparta, Wis.	.34	.25 $\frac{1}{2}$	St. Cloud, Minn.	.85	.67	Atchison, Kans.	.95	.74	Burlington, Vt.	1.14	.82		
Stoughton, Wis.	.17 $\frac{1}{2}$	.15	St. Paul, Minn.	.75	.59	Topeka, Kans.	1.04	.81	Boston, Mass.	1.14	.82		
Sun Prairie, Wis.	.17 $\frac{1}{2}$	.15	Winona, Minn.	.58	.46	Wichita, Kans.	1.26	.99	Baltimore, Md.	1.08	.77		
Watertown, Wis.	.22	.16	Mitchell, S. D.	1.02	.80	Little Rock, Ark.	1.36	1.07	Richmond, Va.	1.10	.79		
Waukesha, Wis.	.26 $\frac{1}{2}$	.20 $\frac{1}{2}$	Sioux Falls, S. D.	.90	.71	Muskogee, Okla.	1.41	1.11	Wheeling, W. Va.	.83	.59		



Ten Typical Ears of Cold Resistant Golden Glow.

COLD RESISTANT GOLDEN GLOW.

EARLIER THAN GOLDEN GLOW AND THE BEST GOOD-SIZED CORN FOR CENTRAL AND UPPER WISCONSIN.
ALSO FINE FOR ALL SECTIONS TO RESIST COLD WEATHER JUST AFTER PLANTING.

Cold Resistant Golden Glow is a genuine Golden Glow with all the good qualities of that variety and in addition with the cold resistant features bred into it so it will stand unfavorable weather.

It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time and a little later on and permit earlier planting.

The Official History and Description of Cold Resistant from Wisconsin Bulletin No. 170 reads as follows:

"Owing to the cool weather which frequently prevails during the early part of the growing season and retards the growth of corn a strain was bred which will continue to grow under conditions too cool for ordinary varieties. This work was begun in 1914 by germinating six kernels from each of a large number of ears, in an ice box kept at a temperature of 42° to 45° F. Those ears, the kernels of which showed any sign of germination, were kept for further breeding. After six years of selection, a strain of Golden Glow corn was produced which will grow at a soil temperature several degrees lower than that required for the standard Golden Glow strains. In breeding this strain every effort was made to maintain the size of the ear and stalk of the standard Golden Glow type.

JACQUES COLD RESISTANT. Our best Cold Resistant comes from Mr. W. H. Jacques of Pierce County, northwestern Wisconsin, who no doubt, has the best strain of Cold Resistant in the state. He has been growing Cold Resistant for the last seven years and putting a lot of selection work on it to make it earlier. He says it now runs a full week earlier in maturity than Golden Glow and is that much earlier than it was when he started with it.

The yield is all right too, his best fields averaging as high as 75 to 80 bushels per acre. All the Jacques stock we offer is State Certified.

PRICES OF COLD RESISTANT:

Jacques Stock: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.90; $2\frac{1}{2}$ bus. at \$1.85; 10 bus. at \$1.75. Bags extra at 22c.

Other Wisconsin: $\frac{1}{2}$ pk., 30c; pk., 55c; bu., \$1.75; $2\frac{1}{2}$ bus. at \$1.70; 10 bus. at \$1.60. Bags extra.

Nebraska Grown: Pk., 40c; bu., \$1.35; $2\frac{1}{2}$ bus. at \$1.30; 10 bus. at \$1.20. Bags extra.



Jacques Wisconsin No. 8.

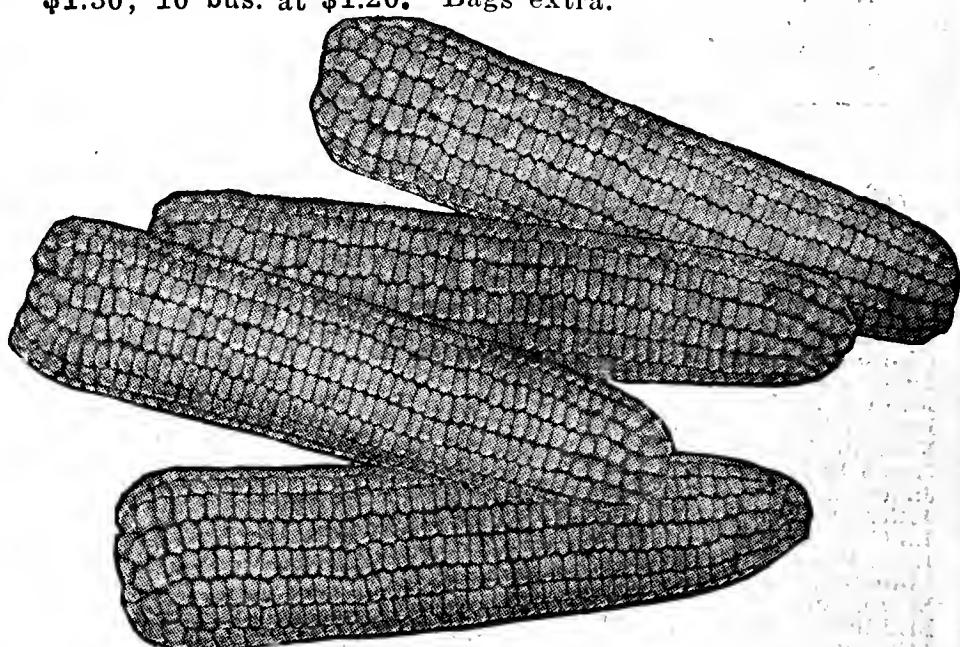
WISCONSIN NO. 8

Best Husking Variety for Northern Wisconsin.

Wisconsin No. 8 is probably the earliest of all dent varieties except Wisconsin No. 25. It came originally from Minnesota but has been developed and improved at the Wisconsin Experiment Station, the ears being materially lengthened without sacrificing the extreme earliness. The ears average 7 to 8 inches in length.

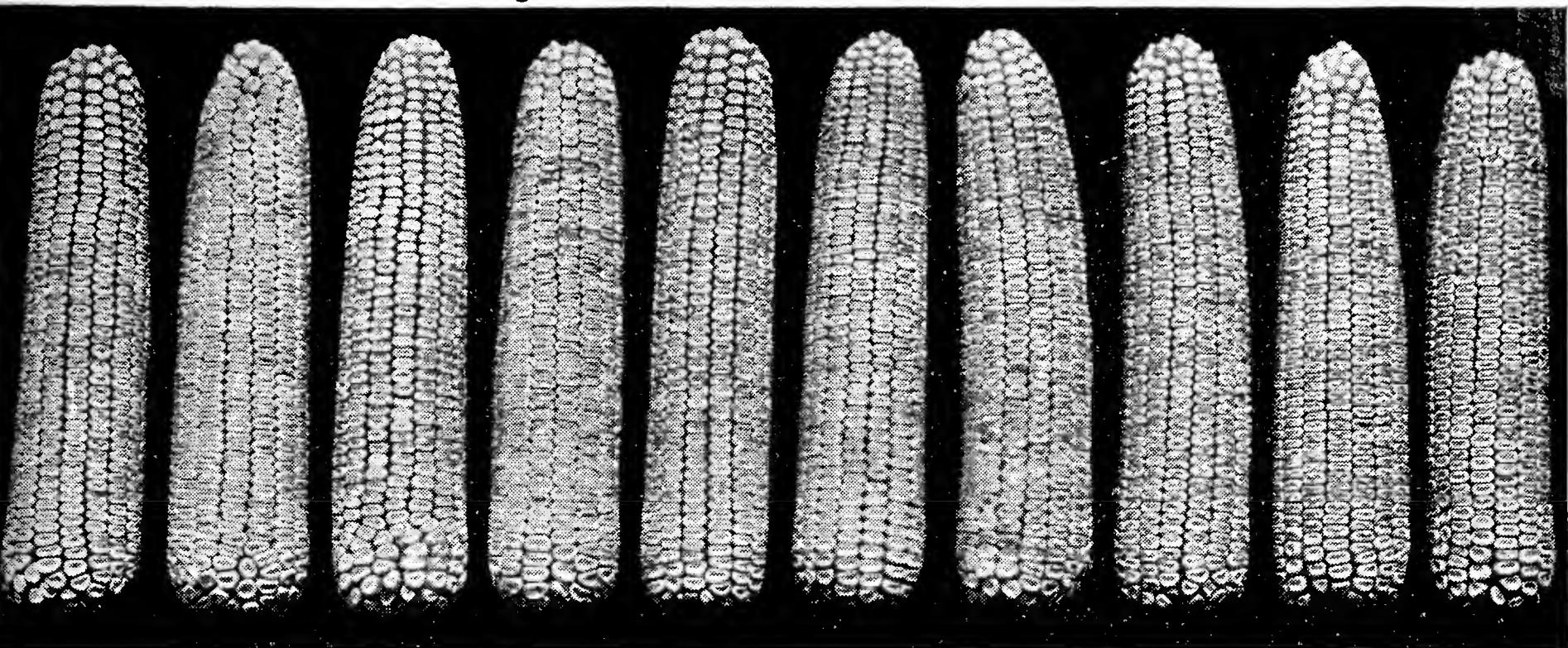
Our Wisconsin No. 8 is all from Mr. Jacques and is State Certified. He says of it, "I find a good sale for Wisconsin No. 8 and like to grow it, it being about as good a husking variety as there is for North Central Wisconsin. My yield of shelled corn is about the same most years as the larger varieties. While ears are a trifle smaller they have a very good shelling percentage and they are surer to make a crop."

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.90; $2\frac{1}{2}$ bus. at \$1.85; 10 bus. at \$1.75. Bags extra.



Jacques Cold Resistant.

T. H. Bayman, New York, writes: "The bushel of seed corn, Cold Resistant Golden Glow, I suppose is the first dent corn in my neighborhood which has ripened in years. I am selling seed at \$5.00 per bushel."



Ten Ears of Spangler Silver King, Grown by Spangler Brothers, Jefferson County, Wisconsin.

SILVER KING (Wisconsin No. 7)

BEST YIELDER OF ALL OUR WISCONSIN VARIETIES AND BY FAR THE BEST WHITE DENT FOR SOUTHERN WISCONSIN AND NORTHERN ILLINOIS.

 Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard sort. It is a big yielder and specially fine for the silo. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, so far as we know, is 137 6-10 bushels per acre. This yield was in Racine County.

The Official Description from Wisconsin College of Agriculture Corn Bulletin No. 170, is as follows:

"This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from 8½ to 9½ inches."

"The foundation stock of Silver King was secured from John Banks, Algona, Iowa, by the Wisconsin Experiment Station in 1904. Since that time it has been improved by ear-to-row breeding and adapted to Wisconsin climatic conditions. This variety breeds true to type and is one of the best yielders for crib and silage corn in the southern half of the state. Reports from Experiment Association members show a six year average yield of 62.1 bushels per acre, an increase of 18.9 bushels above the state average."

SPANGLER SILVER KING. Our Spangler Stock of Silver King, grown by Spangler Brothers, Jefferson County, is an unusually fine strain, bred to a rather large rough type. The Spanglers have taken many prizes, including "First on Ten Ears" and "First on Single Ear" at the 1924 State Grain Show, "Sweepstakes on Ten Ears" at the 1925 Show and "Seventh on Single Ear" at the Chicago International, 1923. Also "First on 50 Ears Silver King" and "First on Single Ear" at the 1927 State Grain Show. "First on Single Ear" and "First on Ten Ears" at Aurora Central States Fair and a lot more prizes at State and County Fairs. The corn they are delivering to us this season is unusually choice. It is all State Certified and State Sealed and Verified.

PRICES OF SILVER KING:

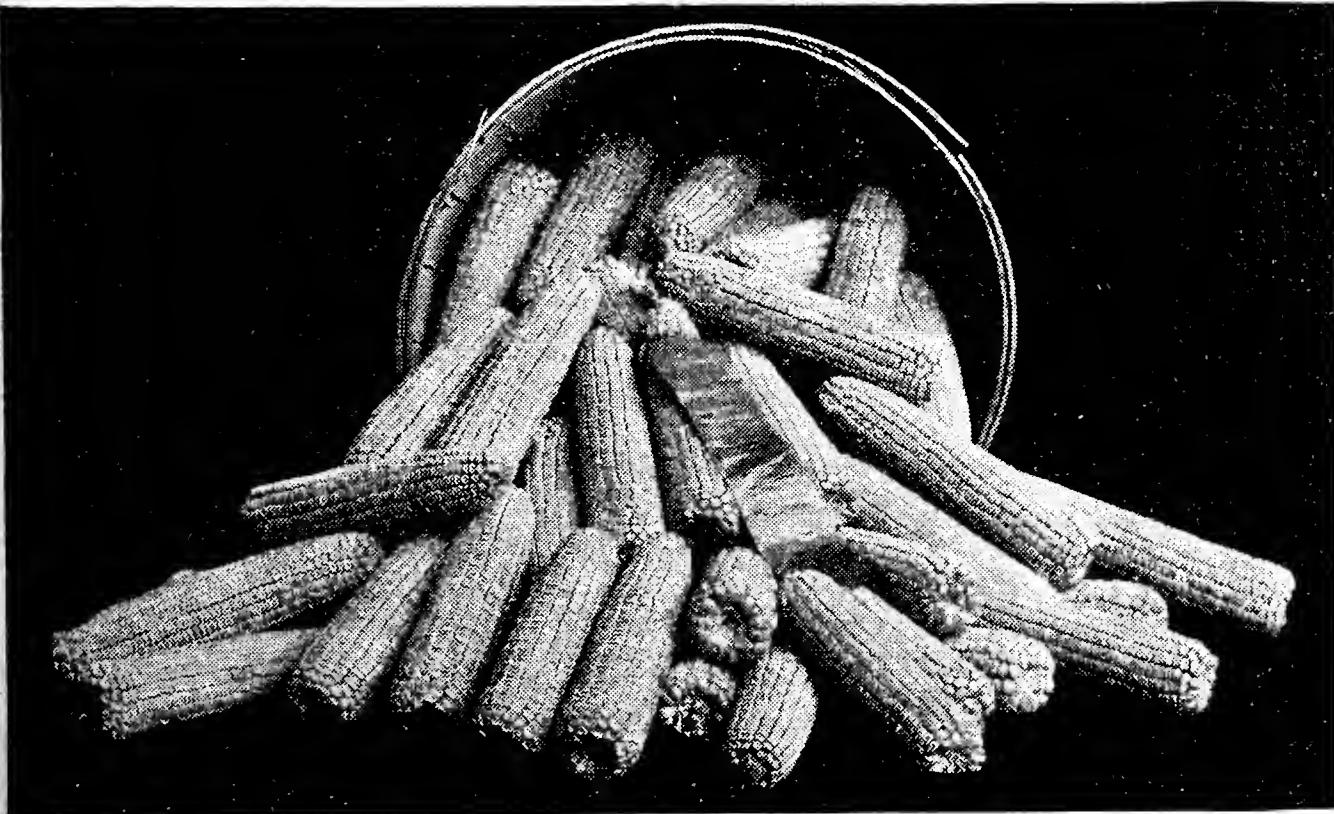
Spangler Stock: ½ pk., 35c; pk., 60c; bu., \$2.00; 2½ bus. at \$1.95; 10 bus. at \$1.85. Bags at 22c each.

Other Wisconsin Grown: ½ pk., 30c; pk., 55c; bu., \$1.75; 2½ bus. at \$1.70; 10 bus. at \$1.60.

"Wiska," Silver King: ½ pk., 30c; pk., 45c; bu., \$1.50; 2½ bus. at \$1.45; 10 bus. at \$1.35.

Other Nebraska Grown: Pk., 40c; bu., \$1.35; 2½ bus. at \$1.30; 10 bus. at \$1.20. Bags extra.

"I am sure satisfied with your good seed and am sending for a larger order this year."—Ingwald Sorenson, Wisconsin.



Another Wonderfully Fine Picture of Spangler Silver King.

Any variety of corn on our list
—By mail: Lb., 20c; 3 lbs., 50c.
By freight: Lb., 15c. Samples showing tests free. Half bushels at bushel rates. Grain bags holding 2½ bushels, 22c each.

Our corn described as "State Sealed" will not show the seals except in full bag lots of 2½ bushels each.

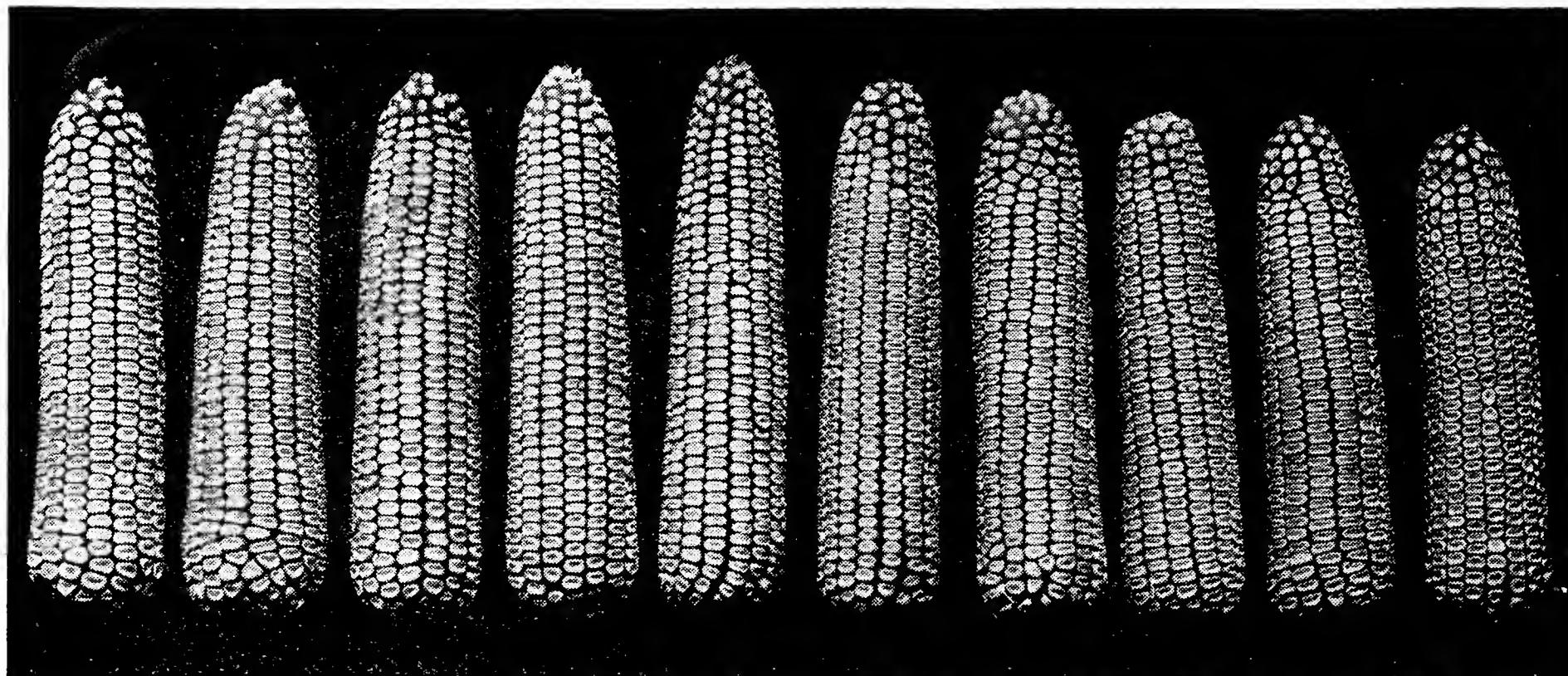
Prices of corn are subject to change after February 15th. Ask for "Weekly Price List" after that date. Also ask for special prices if needing a large quantity. Our prices are certainly very low considering the quality. Place your order now if possible.

Note—Treat your corn with Semesan Jr. See page 75.

Bonide Cro-Tox protects your corn against crows and gophers. Costs only 15 to 20 cents per acre. See page 93.

"Fertilizing Corn." Ask for free bulletin. If you decide to use any Commercial Fertilizers the coming season give us a chance to quote you special delivered prices.

Hand Corn Planters. See page 90. We have quite an assortment, also Hoes of all kinds, Sprayers, etc. Include in your seed order anything needed in these lines.



Ten Ears of Wisconsin No. 25, "The Earliest Corn." Grown by W. H. Jacques, Pierce County, Wisconsin.

WISCONSIN NO. 25 (Northern Yellow Dent)

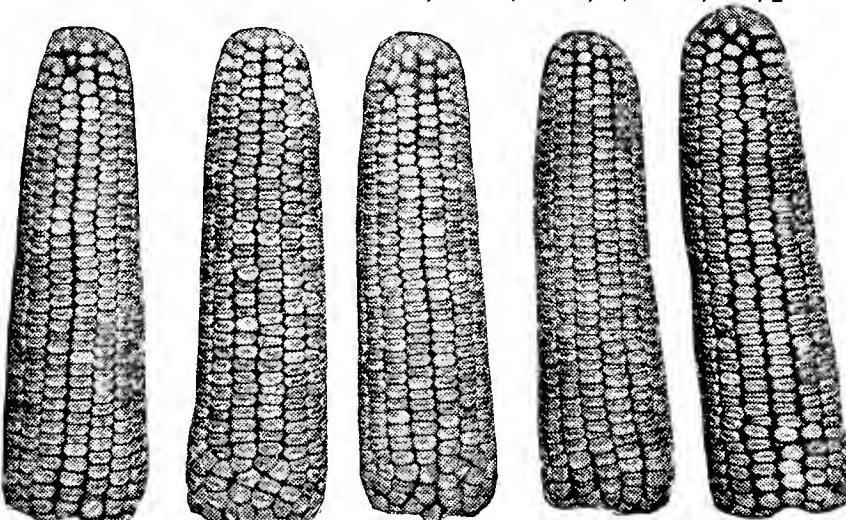
EARLIEST OF ALL WISCONSIN VARIETIES.

This is the corn for the extreme north and for late planting farther south. Earlier than any other dent variety and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which Prof. Delwiche secured from Northern Michigan.

Our best Wisconsin No. 25 was grown by Mr. Jacques. The stock is State Certified. It is wonderfully fine stock, and not so very small either for such an early variety. Note the size of the ears in the illustration. Our other Wisconsin stock of this variety is all right, too, and it was grown from Jacques seed. The Northern Wisconsin Experiment Station has had yields of Wisconsin No. 25 as high as 90 bushels per acre on test plots.

Glen Haesuer, 4-H Club member, grew 139 bushels of Wisconsin No. 25 on two acres in 1931, in Buffalo County, Wisconsin, from seed he bought of us and then secured second prize at the Buffalo County Fair.

Jacques Stock: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.00; $2\frac{1}{2}$ bus. at \$1.95; 10 bus. at \$1.85. Bags extra at 22c.
Other Wisconsin: Pk., 55c; bu., \$1.85; $2\frac{1}{2}$ bus. at \$1.80; 10 bus. at \$1.70. Bags extra.



Jacques Minnesota No. 13.

varieties as Wisconsin No. 8 and Minnesota No. 13 as my yield of shelled corn is about the same as of the larger varieties."

Jacques Stock: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.90; 10 bus. at \$1.75. Bags extra.

Nebraska Grown: Pk., 40c; bu., \$1.35; $2\frac{1}{2}$ bus. at \$1.30; 10 bus. at \$1.20. Bags extra.

MINNESOTA NO. 13

Minnesota's most famous variety of corn. Minnesota No. 13 is to Minnesota what Golden Glow is to Wisconsin, the outstanding variety for the State. A good 90-day corn, similar in type to Golden Glow. Perhaps a week earlier.

Our Wisconsin stock is all from Mr. Jacques and is State Certified. Mr. Jacques says: "In my opinion Minnesota No. 13 is as good a husking corn as there is for central Wisconsin. I like to grow such varieties as Wisconsin No. 8 and Minnesota No. 13 as my yield of shelled corn is



IMPROVED SMUT NOSE FLINT

BEST OF ALL FLINTS.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels. Our best stock of this variety was grown in Jefferson County, Wisconsin, by Spangler Bros., growers of our Spangler Silver King. It is fire-dried the same as all our other Wisconsin corn and is very choice. It is also State Certified.

Our other Wisconsin Smut Nose, Dane County grown, is also very nice.

Spangler Stock: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$2.00; $2\frac{1}{2}$ bus. at \$1.95; 10 bus. at \$1.85. Bags extra at 22c.

Other Wisconsin: $\frac{1}{2}$ pk., 30c; pk., 55c; bu., \$1.85; $2\frac{1}{2}$ bus. at \$1.80; 10 bus. at \$1.70.

EARLY LONGFELLOW FLINT

Wisconsin Grown: $\frac{1}{2}$ pk., 30c; pk., 55c; bu., \$1.85; $2\frac{1}{2}$ bus. at \$1.80; 10 bus. at \$1.70. Bags extra. (See next page for description of Longfellow.)

NORTHWESTERN DENT

Another early variety, very popular in the Northwest. Reddish in color, with a fairly good sized ear. An extra early, maturing ordinarily in 80 to 85 days. We recommend it for extreme Northern Wisconsin and Minnesota and for North Dakota as a silo corn and in favorable seasons for husking. Stock is Wisconsin grown.

Prices: $\frac{1}{2}$ pk., 30c; pk., 55c; bu., \$1.75; $2\frac{1}{2}$ bus. at \$1.70; 10 bus. at \$1.60.

NEBRASKA GROWN CORN

The corn offered on this page is all Nebraska grown. That means of course that it will be later in maturing than Wisconsin corn. It is all good seed corn, however, is well graded and shows high germination tests. We like to see Wisconsin farmers and other northern farmers order Wisconsin Grown Corn for their general planting as we know it will give the best satisfaction. For silage and for fodder of course the Nebraska corn will do very well, however, and the prices are very low indeed.

GIANT RED COB ENSILAGE

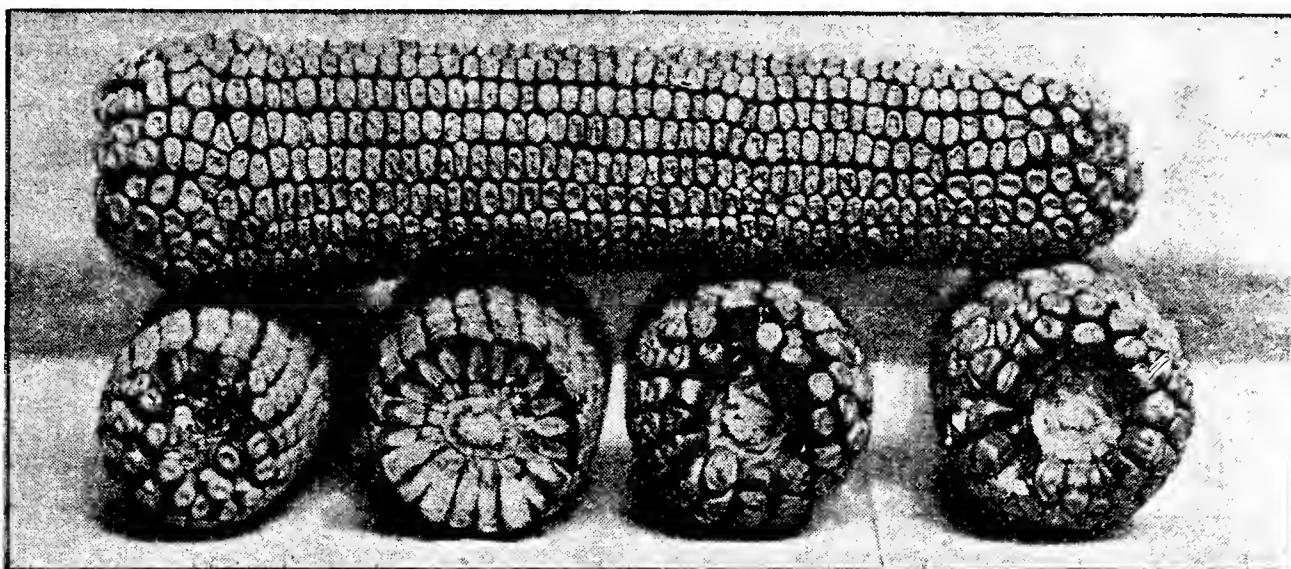
A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the north for a large growth of green fodder. Does not ordinarily mature ears in the north.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., (56 lbs.) \$1.25; $2\frac{1}{2}$ bus. at \$1.20; 10 bus. at \$1.10. Bags extra at 22c each.

EVERGREEN SWEET FODDER CORN

A fodder grade of Stowell's Evergreen Sweet Corn. See page 17 for description.

Prices: $\frac{1}{2}$ pk., 40c; pk., 60c; bu. (45 lbs.), \$1.75; $2\frac{1}{2}$ bus. at \$1.70; 10 bus. at \$1.60.

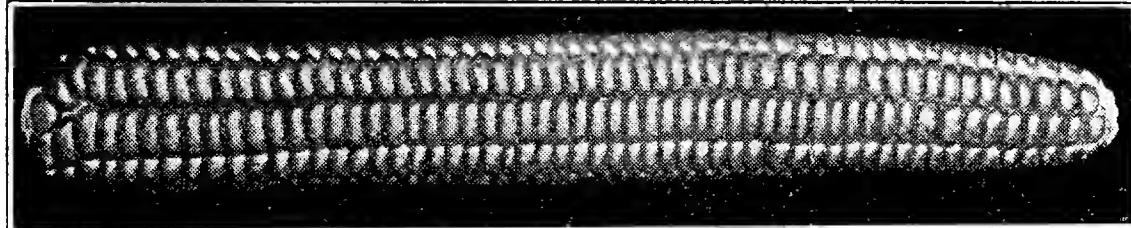


Reid's Yellow Dent. A very popular Large Yellow Corn.

REID'S YELLOW DENT

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of Yellow Corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the north for silo and in a very favorable season the ears will fully mature. It will make a larger tonnage for the silo than anything else we offer except Giant Red Cob Ensilage and Red Cob will not ordinarily give you ears.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.25; $2\frac{1}{2}$ bus. at \$1.20; 10 bus. at \$1.10. Bags extra at 22c.



Early Longfellow, the Most Popular Flint.

EARLY LONGFELLOW FLINT

The most popular of all flint varieties and the best known. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days.

Prices: $\frac{1}{2}$ pk., 35c; pk., 50c; bu., \$1.60; $2\frac{1}{2}$ bus. at \$1.55; 10 bus. at \$1.45. Bags extra.

(We have also Wisconsin grown Longfellow Flint to offer this year from Spangler Bros., Jefferson County. See preceding page.)

COMPTON'S EARLY YELLOW FLINT

An extra early variety with large ears, averaging 10 inches in length, usually 12-rowed. Small, rich golden-yellow kernels.

Prices: $\frac{1}{2}$ pk., 35c; pk., 50c; bu., \$1.60; 10 bus. at \$1.45.

SANFORD'S WHITE FLINT

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color.

Prices: $\frac{1}{2}$ pk., 35c; pk., 50c; bu., \$1.60; 10 bus. at \$1.45.

Note—Corn prices are subject to change after February 15th. Ask for "Weekly Price List" after that date. Special prices quoted on large quantity.

4 BUSHELS AN ACRE INCREASE YIELD OF CORN WITH SEMESAN JR.

DESTROYS DISEASE GERMS, PREVENTS SEED ROTTING, INCREASES STANDS AND YIELDS.

Four bushels more corn can reasonably be expected by any farmer that treats seed corn, Iowa Experiment Station tests show.



Semesan Jr. increased this yield of corn 21.3 bushels per acre over the untreated seed planted in the same field.

The corn crop of the country is reduced over 80 million bushels per year by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only 2c an acre. Harmless to seed, does not slow up the drop.

Semesan Jr. destroys harmful disease organisms on the seed, protects seed from rotting in cold, wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots and generally increases crop yields. Easily and quickly applied as a dust. Use 2 ounces per bushel of seed.

"We planted 2 bushels of Cold-Resisting Golden Glow and 1 bushel of Murdock the latter part of May and treated all of it with Semesan Jr. The results were wonderful, for the corn was matured the 15th of September."—Albert Kortens, Wisconsin.

Prices, reduced: 4-oz. size, 40c; 1-lb. size, \$1.50; 5-lb. size, \$7.00; 25-lb. size, \$28.75. Not mailable. (Ask for booklet, "Semesan Jr. for Seed Corn.")



OLDS' SEED OATS

PURE PEDIGREE SEED OATS OUR OUTSTANDING SPECIALTY

WISCONSIN PEDIGREE VARIETIES. Wisconsin stands at the head of all the states in developing valuable pedigree strains of oats adapted to the central west. We are in close touch with the work done along this line at the Wisconsin Experiment Station here at Madison and offer all the leading varieties produced by them.

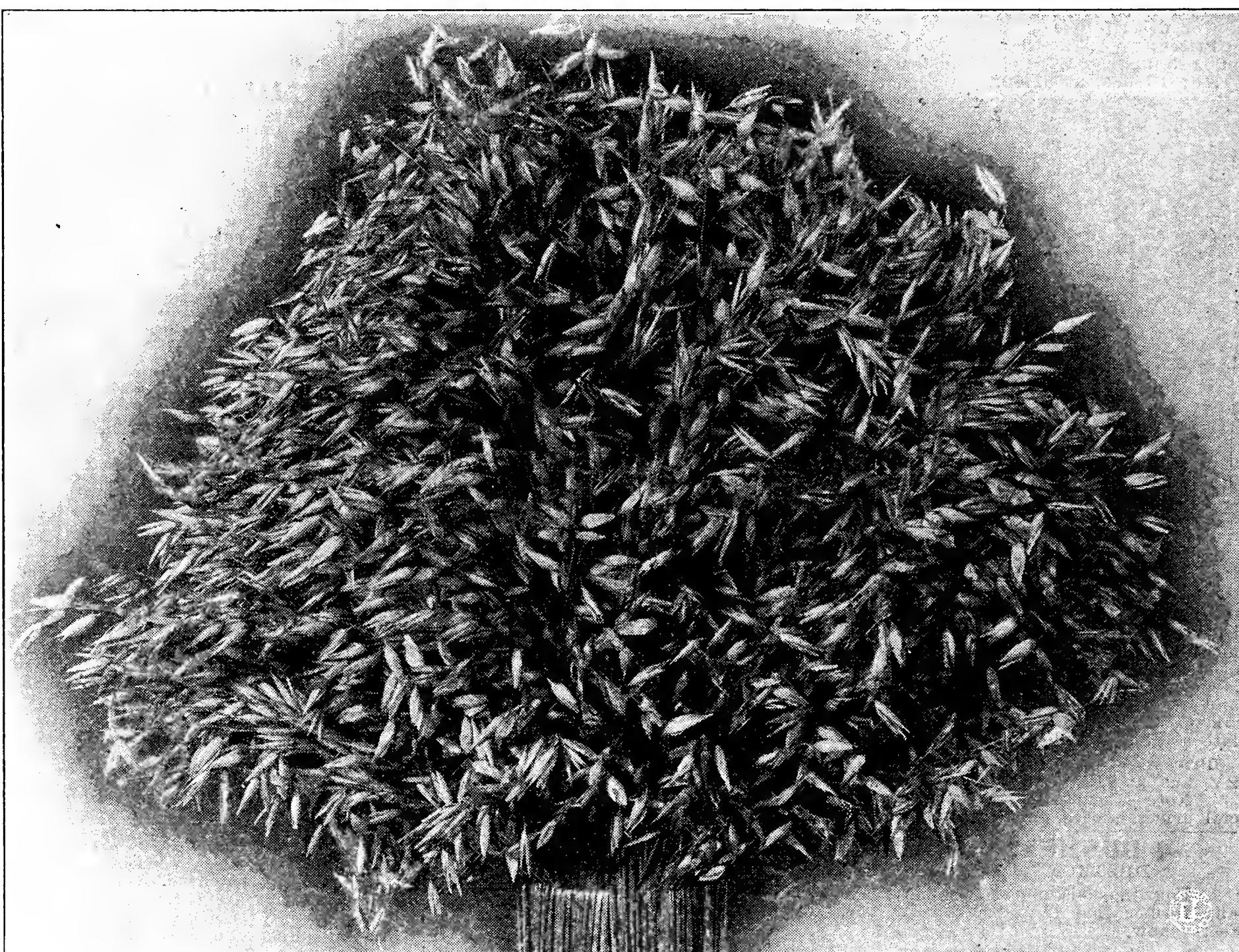
OUR 1932 CROP THE BEST EVER. Never before have we been able to offer such nice bright heavy stocks of seed oats. Wisconsin's oat crop was 30 per cent ahead of last year and our Dane County crops were all very fine, with large yields of heavy bright oats. Prices are very low. Change seed this year when you can secure recleaned reliable seed of the best Wisconsin Pedigree varieties at slight expense.

REGISTERED SEED. "Registered Seed" as defined by the Wisconsin Experiment Association is seed that was grown from either foundation or registered seed, that has been both field inspected and sample inspected by the Experiment Association and shows a purity test of not less than 99.8 per cent. There must be not more than one kernel per pound of other varieties or kinds of grain, no noxious weed seeds, not more than 9 per pound of other weed seeds and not more than 2-10 per cent of inert matter. The grain must be grown from seed treated for smut and show not more than $\frac{1}{2}$ per cent of smut. Most of our growers treat with Ceresan. See page 78. Germination must be at least 90 per cent, weight not less than 30 pounds. By foundation seed is meant seed that was grown on the station farm.

CERTIFIED SEED. "Certified Seed" calls for the same inspections as Registered Seed, with freedom from noxious weeds, the purity test not less than 99.5 per cent. There must be not more than 5-10 per cent mixture of other varieties and not more than 9 per pound other kinds of grain, otherwise the same requirements as for Registered Seed.

STANDARD SEED. Our Standard Seed shows high purity and is nearly equal to the Registered and Certified Seed.

OFFICIAL TAGS. We use official certification tags authorized by the Wisconsin Experiment Association.



Prize Sheaf of State's Pride at one of the Grain Shows of the Wisconsin Experiment Association.

STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7)

Most Popular Early Oat and Best Yielder of all Oats at Wisconsin Experiment Station Farm.

State's Pride has taken things by storm in this section. One-half of all our oat sales last year were of State's Pride. It has proven to be the best grain for a nurse crop and because of its high yielding qualities and earliness it has become the most popular oat in Wisconsin.

Description. State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. The oats are small in size but how they do pour out of the spout at threshing time. State's Pride is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This enables it to escape rust.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm.

It has been grown for over 20 years at the Experiment Station and has given an average yield of 68.5 bushels per acre, a record which no other oat has equalled.

PRICES OF STATE'S PRIDE OATS:

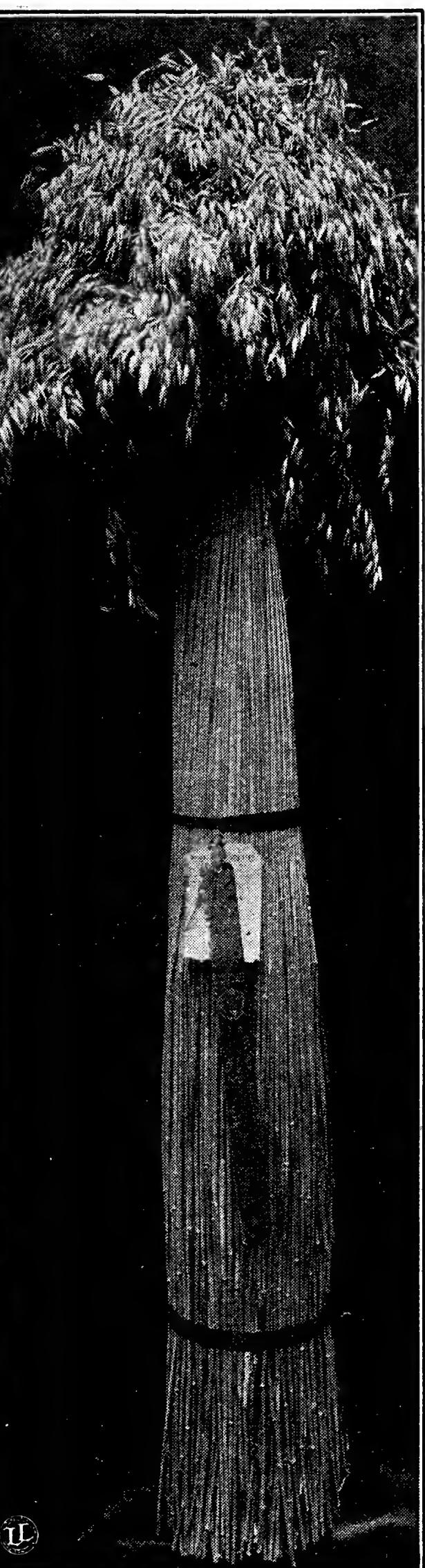
Registered Seed—By mail: Lb., 20c. By freight: $\frac{1}{2}$ pk., 15c; pk., 20c; bu., 60c; $2\frac{1}{2}$ bus. at 55c; 10 bus. at 52c; 25 bus. or over at 50c. (Cotton grain bags extra at 22c.)

Certified Seed: Bu., 58c; $2\frac{1}{2}$ bus. at 53c; 10 bus. at 50c; 25 bus. at 48c. Bags extra.

Standard Seed: Bu., 55c; $2\frac{1}{2}$ bus. at 50c; 10 bus. at 47c; 25 bus. at 45c. Bags extra.

(All orders for less than one bushel will be filled from Registered Seed.) (We ship oats in grain bags.)





Sheaf of First Prize White Cross.

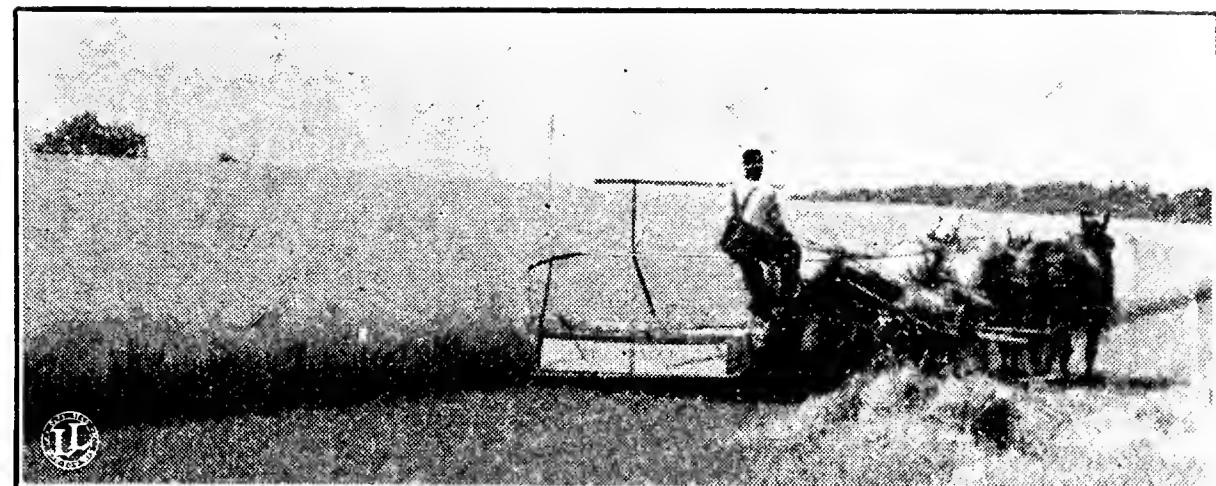
VICTORY (Minnesota No. 514)

Developed at the Minnesota Experiment Station. It is a pure white oat, thick, meaty and plump, somewhat like Swedish Select. Medium in season.

Prices: $\frac{1}{2}$ pk., 15c; pk., 20c; bu., 60c; $2\frac{1}{2}$ bus. at 55c; 10 bus. at 52c; 25 bus. at 50c. Bags extra at 22c.

WHITE KHERSON (Iowa No. 103)

An Iowa strain of the old extra early Kherson, but white instead of yellow. Prices, same as for Victory.



Field of White Cross on the University Farm (Courtesy Wis. Coll. of Agri.).

WHITE CROSS (Wis. Pedigree No. 19)



"Finest Appearing Early Oat." Prof. B. D. Leith. White Cross is a Pedigree variety developed at the Wisconsin Experiment Station.

In this variety the attempt has been made to produce a white oat of larger size than State's Pride but still maintaining the earliness and high yield. The result has been wonderfully satisfactory.

These are the outstanding features of White Cross:

First, it is extra early, almost as early as the famous State's Pride.

Second, it is white instead of yellow, with a good sized grain, making it as Prof. Leith says, "the finest appearing early oat."

Third, it is a heavy yielder, second only to State's Pride at the Wisconsin Experiment Farm and some years outyielding that variety.

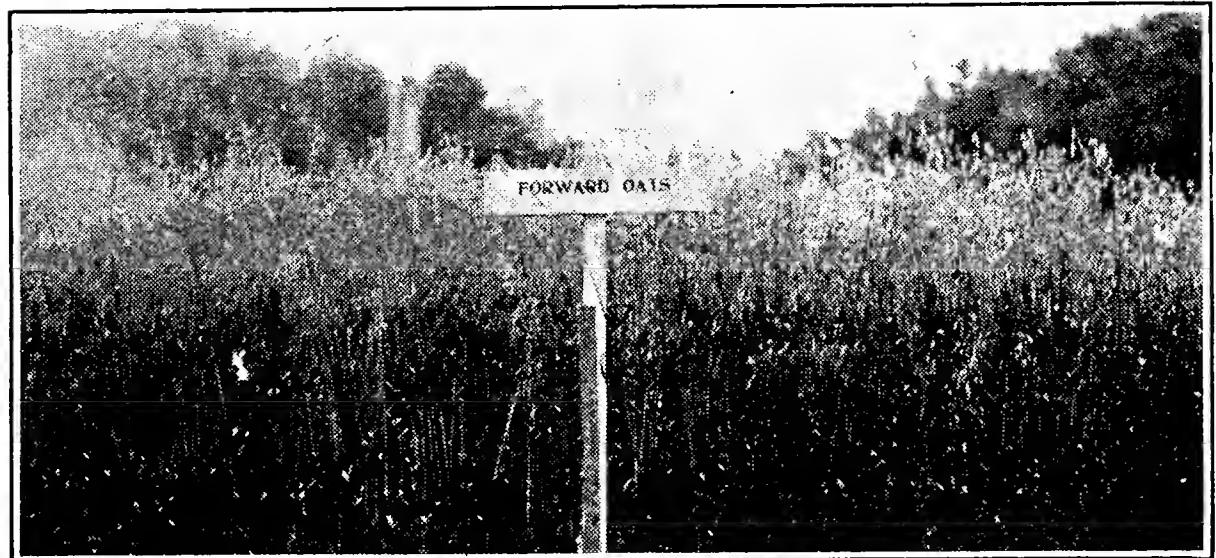
Fourth, it grows a taller straw than State's Pride and can always be easily harvested by the binder even on thin poor land.

Fifth, it is the best early oat for light soils, outyielding all other earlies.

PRICES OF WHITE CROSS:

Standard Seed Only. $\frac{1}{2}$ pk., 15c; pk., 20c; bu., 60c; $2\frac{1}{2}$ bus. at 55c; 10 bus. at 52c; 25 bus. at 50c. Bags extra at 22c.

(Note—Pound prices, all varieties of oats, same as for State's Pride.)



Field of Forward Oats. (Courtesy of Prof. E. J. Delwiche.)

FORWARD (Wis. Pedigree No. 1241)

SUCCESSOR TO SILVER MINE.



Forward is a new pedigreed variety of oats specially valuable for the north. It is a handsome, white, medium early, heavy yielding, plump variety that is giving splendid satisfaction in every way.

History. Forward is a selection from Silver Mine made in 1911, not at the Madison Station but at the Demonstration Station at Superior, being further improved at the Ashland Station.

Wisconsin Bulletin 340 describes it as follows:

"It has a white, fairly plump kernel of medium length. The variety stands out conspicuously as the best yielding oats for the northern, or Lake Superior region. It outyielded its nearest competitor by nearly 5 bushels per acre, and Pedigree 5 by 9.6 bushels. Forward is recommended as the best oat for the northern section of the state."

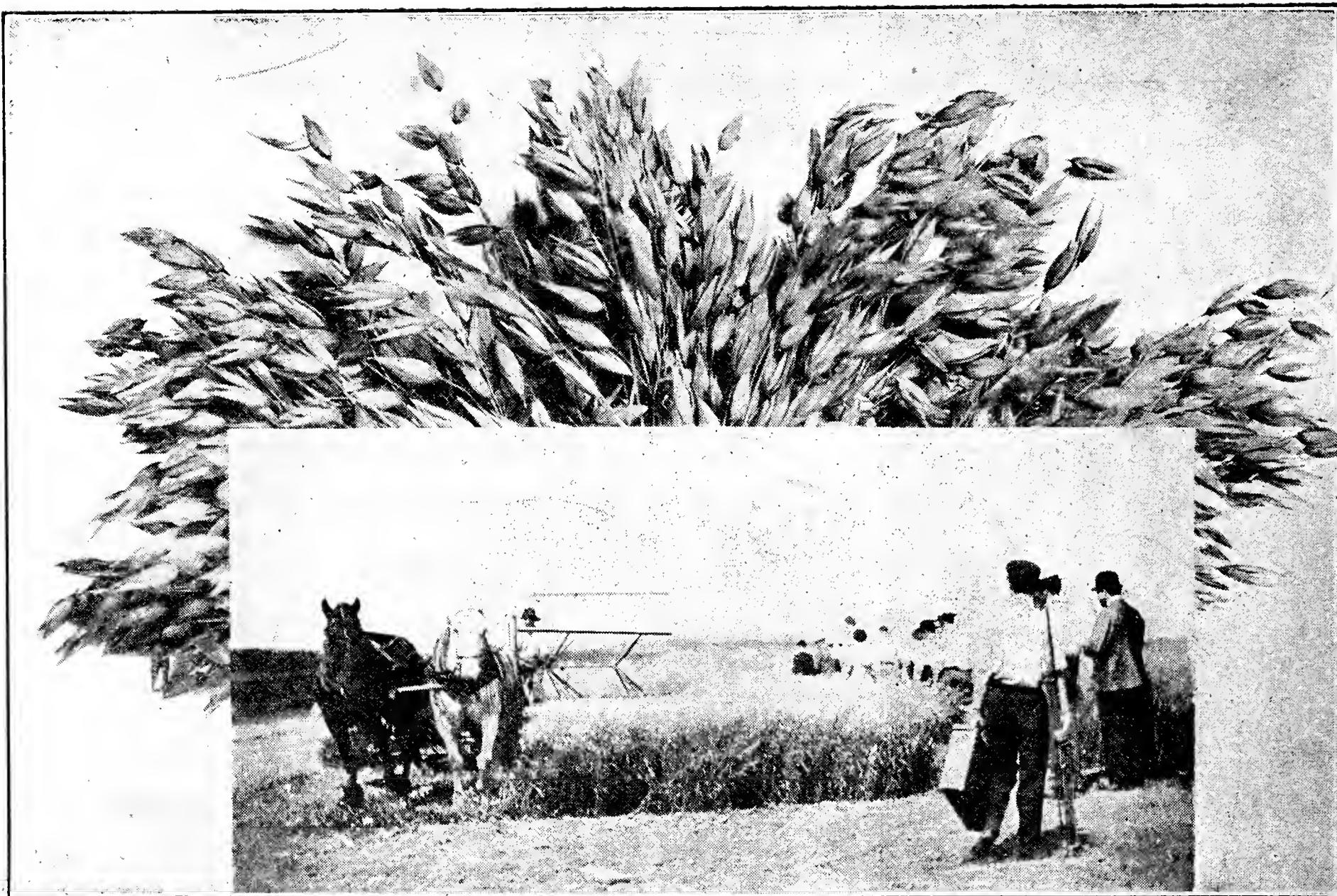
We are glad to have this oat to offer our customers as an improved strain of Silver Mine, which has long been a popular oat with the farmers of the Northwest. Pure white, plump, smooth, heavy, medium early.

PRICES OF FORWARD OATS:

Certified Seed: $\frac{1}{2}$ pk., 15c; pk., 20c; bu., 60c; $2\frac{1}{2}$ bus. at 55c; 10 bus. at 52c; 25 bus. at 50c. Bags extra.

Standard Seed: Pk., 20c; bu., 55c; $2\frac{1}{2}$ bus. at 50c; 10 bus. at 47c; 25 bus. at 45c.

Note—Oat prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date. Order early before our stocks are exhausted. Do not sow your old mixed oats when you can buy the best pure seed at such prices as are prevailing now.



Wisconsin Pedigree No. 1 on University of Wisconsin Farm. This Plat Yielded 110.6 Bushels Per Acre.

WISCONSIN PEDIGREE No. 1.

PROBABLY THE BEST ALL-AROUND MEDIUM OAT.

A wonderfully valuable oat first introduced by us 15 or more years ago. Out on the University Farm they called it the "best oat in the world," and Bulletin No. 340, issued in March, 1922, says: "The most popular oat in Wisconsin is the Wisconsin Wonder or Pedigree No. 1."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station in 1901 from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. for trial. Pedigree No. 1 proved the best. It is medium in season.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, with rather long kernels.

PRICES OF WISCONSIN PEDIGREE NO 1:

Registered Seed: $\frac{1}{2}$ pk., 15c; pk., 20c; bu., 65c; $2\frac{1}{2}$ bus. at 60c; 10 bus. at 57c; 25 bus. at 55c. Bags extra.
Standard Seed: Bu., 60c; $2\frac{1}{2}$ bus. at 55c; 10 bus. at 52c; 25 bus. or over at 50c. Bags extra at 22c.

WISCONSIN PEDIGREE No. 5

FINEST IN APPEARANCE OF ALL OUR VARIETIES.

Of all the splendid Wisconsin varieties of oats, Wisconsin Pedigree No. 5 is the plumpest and finest appearing. The kernels are large, thick, pure white and most attractive.

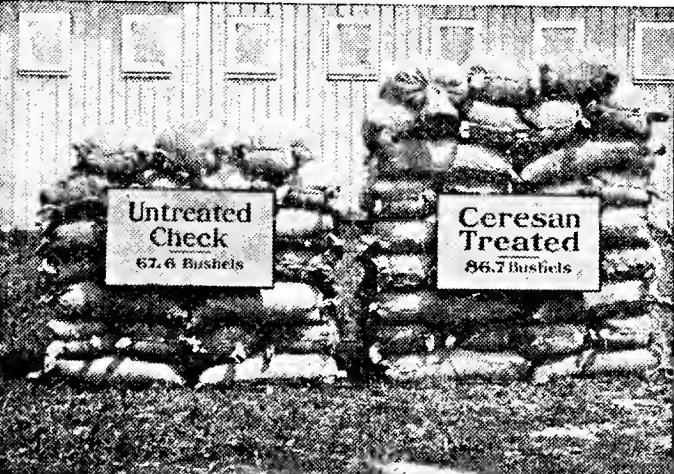
History. Wisconsin Pedigree No. 5 is a pure-line selection from the Swedish Select, which was obtained from the U. S. Department of Agriculture in 1898. It was sent out by the Wis. Ex. Station about 1913.

Description. Wisconsin Pedigree No. 5 grows medium to tall in height with large, thick, spreading heads. Heavy in weight, and a great yielder, always standing well up toward the top in yield per acre.

Perhaps the only fault this variety has is a tendency to lodge on rich soils. It is all right for clay soils and ordinary light soils but we do not recommend it for rich, black soils. In season about medium.

Prices. Standard Seed: $\frac{1}{2}$ pk., 15c; pk., 20c; bu., 55c; $2\frac{1}{2}$ bus. at 50c; 10 bus. at 47c; 25 bus. at 45c. Bags extra.
Note.—Oat prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date.

PREVENT SMUT OF OATS AND BARLEY WITH CERESAN



Ceresan increased this oats yield 19.1 bushels per acre and gave perfect smut control.

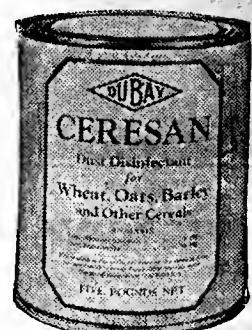
At the Illinois Experiment Station Ceresan not only gave "perfect smut control" but also checked other diseases. In one experiment at Illinois, Ceresan increased the yield 14.2 bushels per acre. In another experiment with Big Four Oats there was an increase of 19.1 bushels per acre.

"Ceresan has given very good control of oat and barley smuts. * * * * It is common to secure an increase of 10 or more bushels per acre when the seed is given the dust treatment." (Wis. Coll. of Agr. Circular No. 133.)

Ceresan does not injure the seed or the grain drill. No special equipment is necessary. Simply shake the grain and Ceresan together for 3 to 5 minutes in a discarded milk can, churn or oil drum. A pound treats 5 or 6 bushels.

We recommend very strongly that all our customers treat their grain with Ceresan.

(Ask for folder, "Ceresan, a Seed Disinfectant for Cereals," also "Wis. Circular No. 133.")



Prices:

1 lb. size, 75c.
5 lb. size, \$3.00.
25 lb. size, \$12.50.
100 lb. size, \$49.00.
(Not mailable.)

OLDS' SEED BARLEY

PEDIGREE BARLEY ANOTHER OF OUR LEADERS

WISCONSIN BARLEYS LEAD THE WORLD. We are headquarters for pure reliable seed of the new Wisconsin Pedigree No. 38 Barbless. We offer at very low prices "Registered" "Certified" and "Standard" seed. See page 76 for explanation of "Registered" and "Certified."

BIG YIELD, HIGH QUALITY IN WISCONSIN THE PAST SEASON. The October Wisconsin Crop and Livestock reporter says: "Barley production is estimated at 28,670,000 bushels, which is about one-fourth more than was harvested in the state a year ago and in addition the quality is better than that of last year." Our stocks were never better. The grain is all plump, heavy and bright.

WISCONSIN PEDIGREE NO. 38 BARBLESS

NEWEST AND BEST IN BARLEY

We offered this variety for the first time last year, calling it "the last word" in barley. It seems to have fully justified all that has been claimed for it and it has made new records the past season. We quote from the Seed Trade News of Oct. 12th as follows: "Among the new high-lights in Wisconsin agriculture this year was the excellent result obtained from the new Wisconsin Barbless Barley, Pedigree No. 38. In comparative tests made this year at the state Experiment Station at Madison this Wisconsin developed barley made a yield of 55.5 bushels to the acre, a yield which is more than 20 bushels over the Oderbrucker, approximately 17 bushels above the Velvet variety, and 14 bushels more than the Glabron variety."

Wisconsin Pedigree No. 38 originated at the Wisconsin Experiment Station in 1916 when a black, smooth awn barley from southern Russia was crossed with Oderbrucker. The object was to combine the yield, stiffness of straw, light color and high quality of the Oderbrucker with the smooth awn of this Russian barley. The result has been marvelous, for not only has a smooth awn been secured but the yield of the Oderbrucker has been greatly increased while all of the other good qualities have been retained.

THE VALUABLE FEATURES OF WISCONSIN BARBLESS ARE:

First—Smooth Beards. This makes the barley nice to handle. Some farmers say they would just as soon handle this barley as to handle oats.

Second—Resistance to Hot Weather. This barley is from three to five days later than Oderbrucker and other rough bearded barley. This is not an objection but an advantage as it simply adds to the maturity period producing a larger kernel than the earlier varieties.

Third—Heavy Yielding Qualities. Prof. Leith says, regarding the 1932 crop, "It surely has gone way beyond all my expectations in yield. In the southern counties the yields have been shooting up as high as 80 bushels per acre, machine measure. 55 and 60 seem quite common, which is easily a gain of one-fourth to one-third over the rough barley. Had I been able to create a smooth bearded barley equal to the Oderbrucker in yield and other qualities I would have considered it a very satisfactory accomplishment."

We quote again from an article in the Wisconsin State Journal of Dec. 2, 1932, headed:

"WISCONSIN BARLEY IN 'HALL OF FAME' AT LIVESTOCK SHOW."

"The following inscription in the Wisconsin Pedigree 38 barley exhibit, one of the five crops being accorded 'Hall of Fame' honors at the 1932 International, is self-explanatory:

"In 1916, Prof. B. D. Leith of the University of Wisconsin Agricultural Experiment Station, secured a Russian variety which had no desirable feature except smooth beards. Out of a large number of crosses, Wisconsin Pedigree 38 was developed, a variety similar to Oderbrucker, except that it had smooth beards.

"During the last five years, it has outyielded Oderbrucker by a considerable margin and in addition it is practically immune to the barley stripe disease. It is superior to any barley ever tested at the Wisconsin Agricultural Station."

"The exhibit is attracting attention."

PRICES OF WISCONSIN PEDIGREE NO. 38:

Registered Seed—By mail: Lb., 20c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 20c; pk., 30c; bu. (48 lbs.), 95c; 2 bus. at 90c; 10 bus. at 87c; 25 bus. or over at 85c. Bags, holding two bushels each, extra at 22c.

Certified Seed—Pk., 30c; bu., 93c; 10 bus. at 85c; 25 bus. at 83c.

Standard Seed—Pk., 25c; bu., 90c; 10 bus. at 82c; 25 bus. at 80c.



A Typical Wisconsin Field of Barbless Barley.

WISCONSIN PEDIGREE BARLEY

We have a limited stock of the old Wisconsin Pedigree (rough bearded).

Prices—Registered: Peck, 30c; bu., 90c; 2 bus. at 85c; 10 bus. at 83c; 25 bus. at 80c. Bags extra.

Certified: Peck, 25c; bu., 85c; 2 bus. at 80c; 10 bus. at 78c; 25 bus. at 75c. Bags extra.

Note—Barley prices are subject to change after Feb. 15th. Better order before that date as prices are likely to be advanced.

OLDS' SEED WHEAT



Field of Progress Wheat in Jefferson County, Wisconsin. Farm of George H. Leonard.

PROGRESS WHEAT (WISCONSIN PEDIGREE NO. 1611)

Progress is by all odds the best variety of spring wheat for Wisconsin. The outstanding feature about it is that it does not rust. It is a bearded, hard red spring wheat, and is one of the highest yielders. It was developed at the Marshfield branch Experiment Station in 1915, a selection from Early Java. Its reputation is now fully established. Get started with Progress wheat this year when the seed is so low in price.

Prices, Registered—By mail: Lb., 20c. By freight: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.15; 2 bus. at \$1.10; 10 bus. at \$1.07; 25 bus. at \$1.05. Bags extra at 22c.

Standard: Pk., 35c; bu., \$1.10; 2 bus. at \$1.05; 10 bus. at \$1.02; 25 bus. at \$1.00.

MARQUIS WHEAT

Marquis is a hard red spring wheat, grading No. 1 Northern, which brings the top price. The grains are short and thick and very plump, making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff, strong straw of good length. It ripens early, a little ahead of other spring varieties.

Prices, Fancy Montana Grown—By mail: Lb., 20c. By freight: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.10; 2 bus. at \$1.05; 10 bus. at \$1.02; 25 bus. or over at \$1.00. Bags extra.

DURUM WHEAT (MACARONI)

Durum usually outyields other spring wheat; is very hardy and is earlier. Our stock is extra fancy.

Prices: Pk., 35c; bu., \$1.10; 2 bus. at \$1.05; 10 bus. at \$1.02. Smaller quantities same as Montana Marquis.

WISCONSIN PEDIGREE NO. 2 WINTER.

Hardest and best winter wheat for Wisconsin and Northwest.

Prices, Registered Seed: $\frac{1}{2}$ pk., 20c; pk., 30c; bu., 95c; 2 bus. at 90c; 10 bus. at 87c; 25 bus. at 85c.

Standard Seed: Pk., 30c; bu., 90c; 2 bus. at 85c; 10 bus. at 82c; 25 bus. at 80c. Bags extra.

OLDS' FLAX SEED

WILT RESISTANT. Wilt Resistant Flax, developed at the Minnesota Experiment Station, is much superior to Common Flax. A profitable crop for Wisconsin.

Prices, by mail: Lb., 30c. By freight: $\frac{1}{2}$ pk., 35c; pk., 65c; bu., \$1.85; 2 bus. at \$1.80; 10 bus. at \$1.75.

BISON. A new variety of Wilt Resistant Flax recently produced at the Minnesota Station. Very large seeded and unusually promising.

Prices, by mail: Lb., 35c. By freight: $\frac{1}{2}$ pk., 40c; pk., 70c; bu., \$2.00; 2 bus. at \$1.95; 10 bus. at \$1.90.

SPELTZ OR EMMER.

Farmers ought to sow more Speltz. It makes splendid feed and lots of it. Note the following points:

First. It is perfectly hardy and can be grown anywhere.

Second. It yields more per acre than either oats or barley.

Third. It is adapted to dry regions. Withstands drouth.

Fourth. It stands up when oats and barley lodge.

Fifth. It makes a well balanced ground feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed.

Sow the same as barley or oats about 100 pounds or $2\frac{1}{2}$ bushels per acre. It ripens about with oats.

Prices, by mail: Lb., 20c. By freight: $\frac{1}{2}$ pk., 15c; pk., 25c; bu. (40 lbs.), 80c; 100 lbs., \$1.90; 500 lbs. at \$1.85; 1,000 lbs. at \$1.80. Bags extra at 22c.

OLDS' BUCKWHEAT.

Sow buckwheat from June 10 to July 10, one bushel per acre.

JAPANESE.

Large, of dark brown color. Higher in market than Silver Hull. We have a splendid stock of buckwheat to offer this year and prices at this writing are very low. We look for somewhat higher prices later, however, as the buckwheat crop in Wisconsin is short, considerably smaller than last year.

Prices, by mail: Lb., 20c. By freight: $\frac{1}{2}$ pk., 20c; pk., 30c; bu. (50 lbs.), 90c; 2 bus. at 85c; 10 bus. at 82c; 25 bus. at 80c. Bags extra at 22c.

SILVER HULL.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Earlier than Japanese according to the Wisconsin College of Agriculture.

Prices: $\frac{1}{2}$ pk., 20c; pk., 30c; bu., 90c; 2 bus. at 85c; 10 bus. at 82c; 25 bus. or over at 80c. Bags extra. Buckwheat prices subject to change.

COMMON.

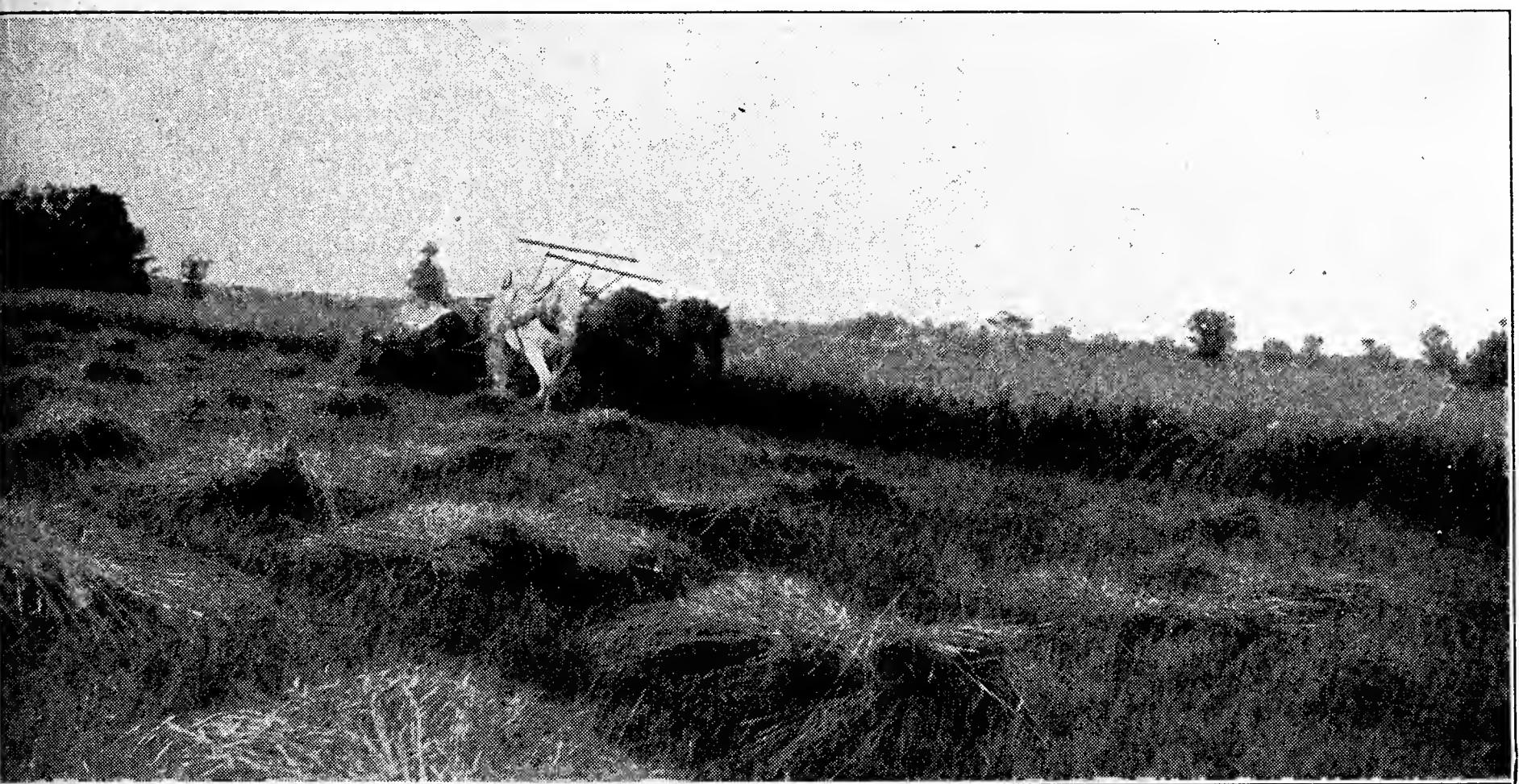
Our Common Buckwheat is really Silver Hull with some Japanese mixed with it. It is clean and nice and lower in price than the others.

Prices: Pk., 30c; bu., 85c; 2 bus. at 80c; 10 bus. at 77c; 25 bus. at 75c.

NOTE—All Field Seed prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that.

Sheaf of Emmer or Speltz.

OLDS' SEED RYE



Wisconsin Pedigree White Rye on Krueger Farms, Dodge County, Wisconsin.

WISCONSIN PEDIGREE NO. 6 WHITE WINTER RYE.

Wisconsin Pedigree No. 6 is a new strain of Winter Rye recently released by the Wisconsin Experiment Station. We offered it for the first time last year. Its strong feature is its very light color, almost pure white. Prof. Leith says, "The Pedigreed White Rye is the result of an effort to get a nicer appearing rye than we had in the old Pedigree Schlanstedt and meet the expectations of millers and bakers who prefer lighter colored ryes."

This new rye is just as good a yielder if not better than the old Wisconsin Pedigree and it has a big advantage in quality. It is also shorter in straw.

Prices—Registered—By mail: Lb., 20c. By freight: $\frac{1}{2}$ pk., 20c; pk., 30c; bu. (56 lbs.), 90c; 2 bus. at 85c; 10 bus. at 82c; 25 bus. at 80c. Bags extra at 22c.

Standard: Pk., 25c; bu., 85c; 2 bus. at 80c; 10 bus. at 77c; 25 bus. at 75c.

ROSEN WINTER RYE. Prices: $\frac{1}{2}$ pk., 15c; pk., 25c; bu., 80c; 2 bus. at 75c; 10 bus. at 72c; 25 bus. at 70c.

OLDS' SPRING RYE.

Spring Rye is a valuable crop. It should be more largely sown. Here are some of its good qualities:

First. It can be sown late in the spring, later than other spring grain.

Second. It is a splendid nurse crop for clover, as the crop is harvested early.

Third. It makes splendid pasture, furnishing green feed early in the spring.

Fourth. It does well on nearly all soils and can be grown on very poor land.

Fifth. It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.

Prices, by mail: Lb., 20c. By freight: $\frac{1}{2}$ pk., 20c; pk., 35c; bu. (56 lbs.), \$1.10; 2 bus. at \$1.05; 10 bus. at \$1.02; 25 bus. at \$1.00. Bags extra.

WHITE NAVY BEANS.

Best Wisconsin grown seed. Prices never so low.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.90; 100 lbs., \$3.00; 500 lbs. at \$2.75. Bags free.



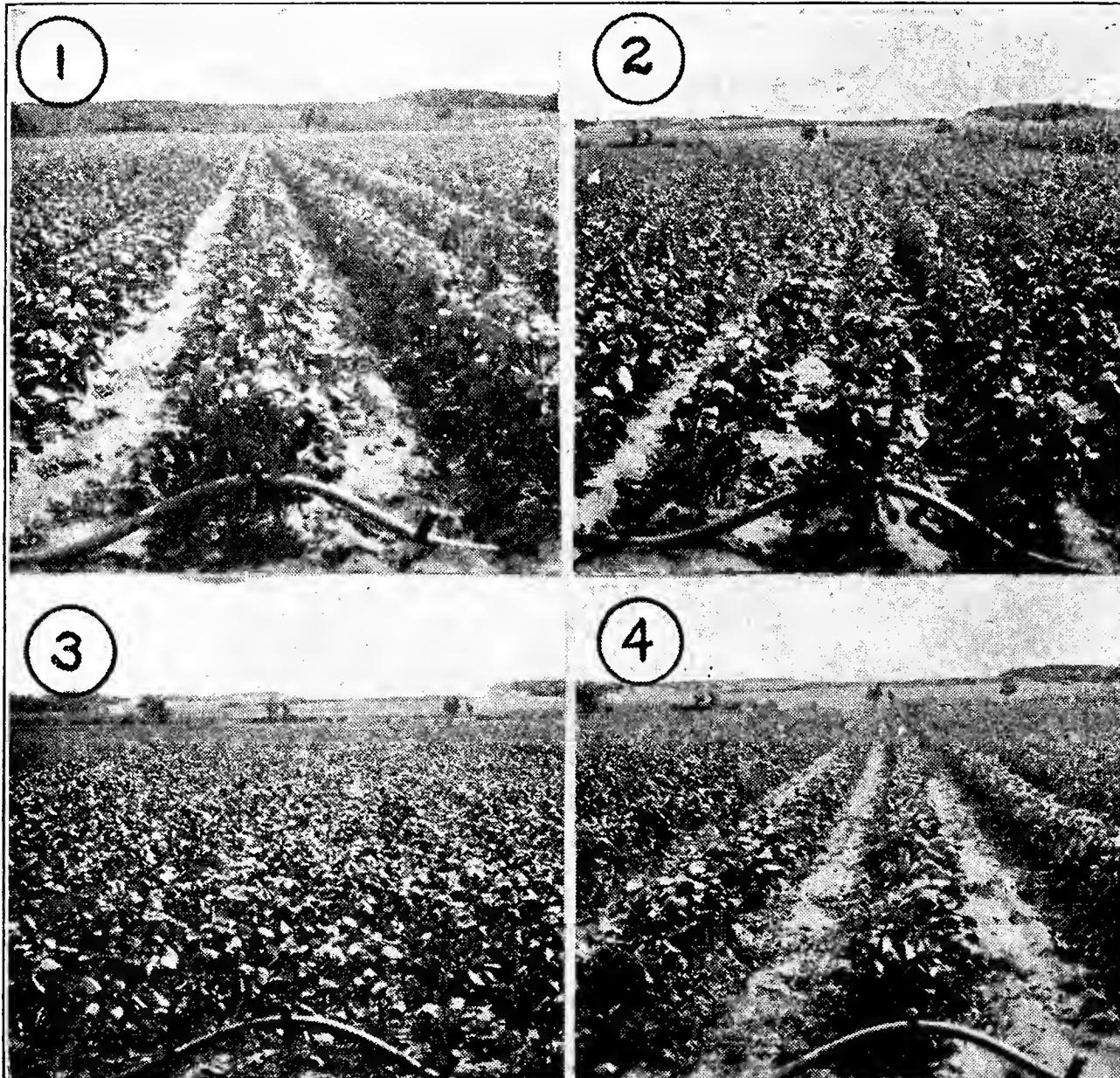
"A Field of Rape is of Inestimable Value in Maturing Profitable Porkers."—Breeders' Gazette.

NOTE—All Field Seed prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date. Samples furnished free on request. Prices of Field Peas, Beans and Rape include sacks. Bags extra for Rye.

OLDS' SOY BEANS

Soy Beans have taken Wisconsin farmers by storm. The demand for seed last spring was tremendous.

WHY GROW SOY BEANS?



Soy Beans May Be Sown in Many Ways. (Courtesy Wis. Coll. of Agr.)

Yields given are a three-year average of green weights per acre.

1. Twin rows, 6x30 inches	5,255 pounds	3. Solid drills	5,990 pounds
2. Single 20-inch rows	4,660 pounds	4. Single 40-inch rows	3,785 pounds

MANCHU SOY BEANS.

Manchu is the best known and most popular variety of Soy Beans in Wisconsin as well as in most other central west states. It is medium early in season, early enough to fully mature dry beans under ordinary conditions in southern Wisconsin and northern Illinois and large enough to be of real value. The dry beans mature in about 100 days. Nearly as early as Ito San and decidedly larger. Ito San is seldom called for now. Too small.

Prices, by mail: Lb., 20c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 20c; pk., 35c; bu. (60 lbs.), \$1.25; 100 lbs., \$2.00; 500 lbs. or over at \$1.90. Sacks free.



Prof. Briggs says: 'For 1933 we will have to caution farmers about the necessity of

inoculation and by all means will endorse Soy Beans for their emergencies.'

"The chief value of soy beans in most sections of Wisconsin is undoubtedly as a hay crop. Especially in the sandy sections of the state, soy beans are of great importance as a source of legume hay for stock feeding. On heavier soils, soy beans are one of the best emergency hay crops to grow when clover or alfalfa winterkills."—Bulletin 375, "Soy Beans a Good Legume Crop."

NOTE:—Prices are subject to change after Feb. 15th. Consult "Weekly Price List." We advise ordering early. Prices are very low now, but may be higher before spring. Prices include sacks.

First. They yield large amounts of high protein forage, rich in feeding value. They not only make splendid hay, but are wonderful for silage, grown with corn.

Second. They contain as much fertility per acre as eight loads of stable manure.

Third. The mature beans ground into meal make wonderfully high protein dairy feed.

Fourth. Soy Beans are more resistant to frost than corn and they also stand hot weather.

Fifth. They are adapted to nearly all soils and are especially valuable on soils too poor for other legumes.

Sixth. They are the only legume crop that will grow on acid soils and build up the land.

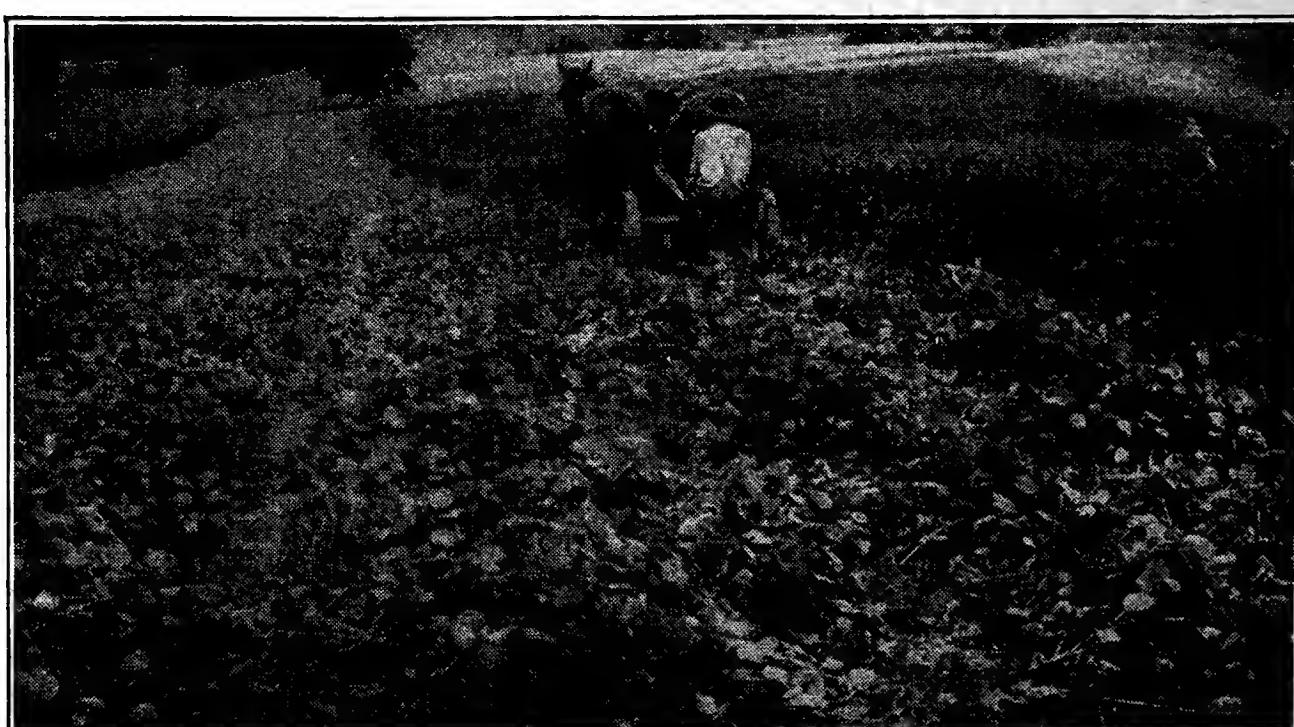
Seventh. They make a wonderful emergency crop when clover fails or when other crops are washed out or fail for any reason, as they can be put in late. Prof. Mortimer places them first in the list of "Emergency Hay Crops."

CULTURE. If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed, in rows with corn planter or drill, a half bushel or a bushel of seed per acre may be profitably used, the beans about one inch apart in the row. Rowing and cultivating, however, is not necessary. Thousands of farmers now are planting in solid drill, using a harrow and caring for large fields at small expense. Do not plant too early. Never before corn planting time. Always inoculate the seed before planting. See page 67. Ask for Wisconsin Bulletin No. 375, "Soy Beans a Good Legume Crop."

ILLINI SOY BEANS.

Illini is a new variety developed at the Illinois Experiment Station from the old A. K. This is our third year with it. It has been constantly increasing in popularity. We sold last year about three-fourths as many Illini as Manchu. It seems to grow a little taller than Manchu, giving a heavier yield while in season it is hardly any later. Some think it is even earlier. Just as desirable in every other way and we would say better for hay in Wisconsin than Manchu. Has finer stems than Manchu.

Prices, by mail: Lb., 20c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.20; 100 lbs., \$1.95; 500 at \$1.85.



Cutting Soy Beans for Hay. (Courtesy Wis. Coll. of Agr., from Bulletin 375.)



OLDS' SUDAN GRASS

Sudan Grass is another item that went over big with Wisconsin farmers last year. We sold a half million pounds, just five times as much as we sold in 1931. What was it used for? Well, principally for pasture. Prof. Mortimer of the Wis. College of Agriculture says, "It is great for late pasture," and that was the thing wanted in Wisconsin and northern Illinois last year.

Sudan Grass is also a great hay crop, and that is what it has been sown for principally in the north up to last year. Prof. Mortimer says, "It is among the valuable emergency hay crops for Wisconsin." Here are five reasons for the great value of Sudan:

First—Yield. It makes a heavy yield of hay, outranking all the millets in yield per acre. Yields of 2 to 4 tons of cured hay per acre from one cutting are common in Wisconsin. Two cuttings a season can often be made.

Second—Quality. It makes a better quality hay than millet. It makes wonderful hay grown with Soy Beans and helps to cure them.

Third—Late Sowing. It can be sown late, after you are through with your corn, or when corn fails. Sow any time from May 20th to June 20th, 20 to 25 pounds per acre or if for pasture, 30 to 35 pounds. Do not sow too early. It is strictly a warm weather crop and if put in too early the seed will rot.

Fourth—Drouth Resistant. It withstands long periods of drouth continuing to grow when most everything else is dried up.

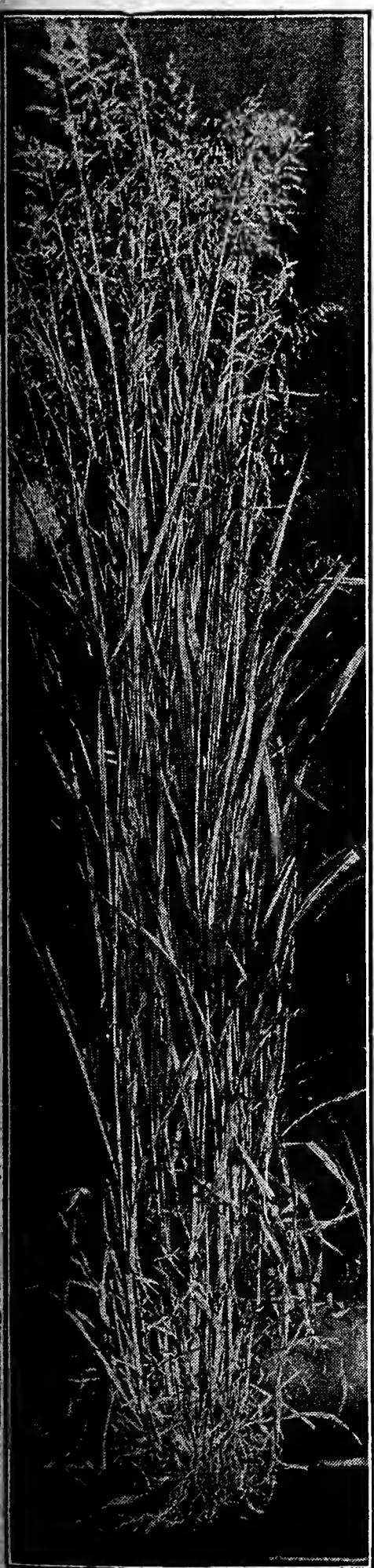
Fifth—Quack Killer. It is valuable as a smother crop, especially for quack and Canada thistle.

In addition to all the above five good qualities and most important of all Sudan Grass can be pastured. After the hay crop is taken off it makes a fine late pasture as it grows up again quickly. Or, it can be pastured all the season instead of being cut for hay. Prof. Mortimer says: "It is great for late pasture. Sown the last of May or first of June it is ready the middle of July when the blue grass pasture is dried up."

We recommend Sudan Grass most highly. It grows quickly, produces enormously and is an easy crop to handle. It is strictly an annual and dies down at the end of the season. With prices again very low we expect an enormous demand for the seed the coming season. However, better order early as the crop is much smaller than last year and prices may advance.

Prices, by mail: Pkt., 5c; lb., 25c. By freight: Lb., 20c; 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$3.00; 500 lbs. or over at \$2.90. Sacks included.

(Ask for Wisconsin Bulletin No. 359, "Emergency Hays and Pastures.")



Sudan Grass.

20c; 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.75; 500 lbs. at \$2.60. Sacks included.

SOUTHERN EARLY AMBER CANE

Does well in the north and makes a wonderful fodder crop, rich in sugar.

Prices, by freight: Lb., 15c; 10 lbs., 35c; 100 lbs., \$1.75; 500 lbs. at \$1.65.

WHITE KAFFIR CORN

Makes the best kind of fodder for cattle or horses. Seed splendid for poultry. Fifteen pounds will seed an acre in rows, 50 pounds sown broadcast.

Prices, by mail: Lb., 20c. By freight: Lb., 15c; 5 lbs., 25c; 10 lbs., 35c; 100 lbs., \$1.75; 500 lbs. at \$1.65. Sacks free.

MILO MAIZE

Prices: 100 lbs., \$1.85; 500 lbs. at \$1.75. Small lots, same as Kaffir.

FETERITA

Earlier than Kaffir Corn, outyields it and little affected by drouth.

Prices, by mail: Lb., 20c. By freight: Lb., 15c; 5 lbs., 25c; 10 lbs., 35c; 100 lbs., \$1.85; 500 lbs. at \$1.75. Sacks free.



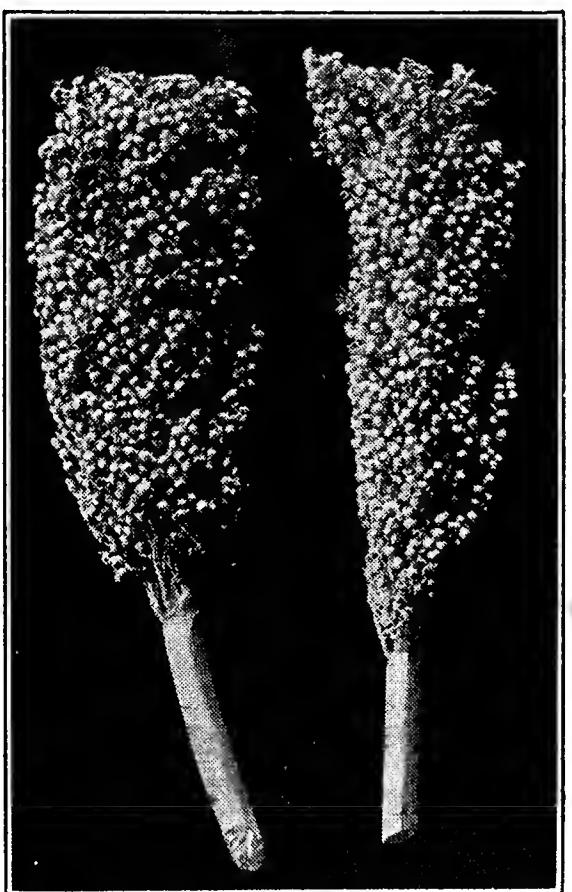
Field of Improved Waconia Cane, Grown in Minnesota.

WACONIA ORANGE CANE (SORGHUM)

The Northern Grown Cane Seed we offer this year is Minnesota grown from the Waconia people who have furnished us our cane seed in the past but it is Orange cane instead of Amber cane.

Waconia Orange Cane has been recently developed by selected breeding over a period of 4 or 5 years and it is a great improvement over the old strain of Amber cane. It has a stronger germinating seed, better withstanding unfavorable growing conditions, grows a much heavier but shorter stalk, withstands storms and wet weather without lodging and most important of all in running tests produces a better quality of syrup and more of it per acre. These are the statements of the originators.

Prices, by mail: Lb., 25c. By freight: Lb., 20c; 100 lbs., \$2.75; 500 lbs. at \$2.60. Sacks included.



Feterita, the Great Drouth-Resister.

OLDS' MILLETS; SUNFLOWER, SAND VETCH.

WHITE WONDER MILLET

THE BEST MILLET.

White Wonder is the best of all the millets in our judgment.

First. It produces more tons of hay per acre than any other millet.

Second. In spite of the very large growth the foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay.

Third. White Wonder is earlier than either German or Common Millet and is well adapted to the north.

Fourth. It outyields any other millet as a seed crop. C. L. Newhouse, of Rock County, Wisconsin, secured an average yield of between 50 and 60 bushels of seed per acre, one field yielding 75 bushels per acre.

We have Wisconsin grown White Wonder to offer again this year, seed grown right here in Dane County. This stock is very fine—clean, plump and bright. Many will want it just because it is home grown.

Prices, by freight: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.50; 500 lbs. at \$2.35. Bags extra at 22c.

MAMMOTH RUSSIAN SUNFLOWER.

A great feed for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn. Prof. E. J. Delwiche of the Ashland Experiment Station, reports that sunflower greatly outyielded corn for the tenth consecutive season, yielding 14.4 tons of silage per acre, corn only 4.22 tons.

Prices, by mail: Pkt., 5c; 1b., 35c; 3 lbs., 80c. By freight: Lb., 30c; 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$5.00; 500 lbs. at \$4.75. Bags free.

(Ask for Wisconsin Circular No. 220, "Sunflowers for Silage.")

SAND VETCH OR WINTER VETCH.

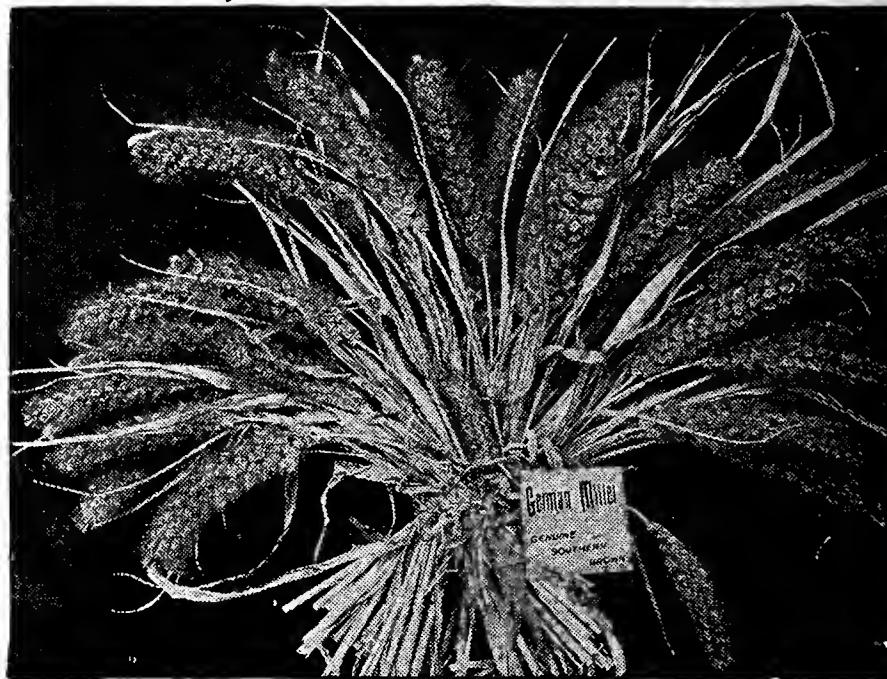
A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and $\frac{1}{2}$ bushel grain per acre, oats or barley in the spring, rye in the fall. Makes splendid hay, also fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.50; 100 lbs., \$9.50; 500 lbs. at \$9.25.

Japanese Millet.

(Spring Vetch we do not handle because it is not adapted to our territory. It is all right for the south but not recommended for sowing in the north. Winter Vetch, however, can be sown in the spring as stated above.)

Note—All Field Seed prices are good until February 15th only. Ask for "Weekly Price List" after that date.



GERMAN MILLET.

Most popular of all the millets. A tall growing variety with large stout stems, leaves broad and stiff. Seed of a yellow or golden color. For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

Prices, by freight: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.50; 500 lbs. at \$2.35. Grain bags extra at 22c.

COMMON MILLET. A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Many farmers prefer it to German.

Prices: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.40; 500 lbs. at \$2.25. Grain bags extra.

JAPANESE MILLET. (Billion Dollar Grass.) A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre.

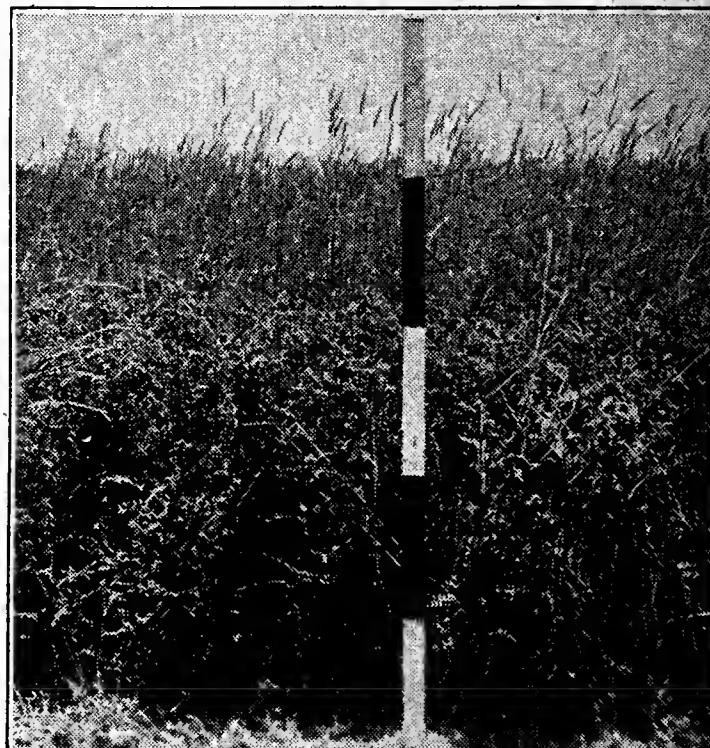
Prices: 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.00; 500 lbs. or over at \$2.85. Bags extra.

(One pound, any variety of millet, by mail, 25c; 3 lbs., 60c. By freight: Lb., 20c.)

HOG OR BROOM CORN MILLET. Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry.

Prices: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.25, 500 lbs. at \$2.10. Bags extra.

Samples Free. We are always glad to send free samples of any of the Field Seeds. Also to quote special prices on large quantities and to answer any questions.



Sand Vetch and Rye as Emergency Hay Crop.
(Courtesy Wis. Coll. of Agr.)

OLDS' SEED POTATOES

CERTIFIED STOCK. Most of our potatoes are "State Certified." This means that they were inspected while growing in the field by an official state inspector and again in the bin after being dug and both times passed the necessary requirements. The stock must be free from mixture, free from late blight rot, black leg, powdery scab and conform reasonably to the correct vine and tuber characteristics of the variety. Official branded sacks and official tags are used for this Certified stock.

U. S. GOVERNMENT GRADE NO. 1. We offer at lower prices, stock of most varieties that is uncertified, but that conforms to the requirements of U. S. Grade No. 1. That is, stock that is practically free from scab, blight, dry rot and damage caused by disease and graded to a minimum size of $1\frac{1}{8}$ inches. The stock is all northern grown, coming from the same sections as the certified stock and practically pure. It is very desirable seed stock.

SACKS FREE. We ship our Seed Potatoes in 100-pound sacks and these sacks are the unit now. We make no charge for these sacks or for bushel and peck sacks. If barrels are wanted, add 25 cents for each barrel of 172 pounds net, figuring the cost of the potatoes at the sack rates quoted. We begin shipping about March 15th, using refrigerator service up to about April 1st.



OLDS' IMPROVED RED RIVER EARLY OHIO

The well known dependable all-around early variety.

 Early Ohio has long been the most popular early potato in the country. Its earliness, smoothness and shallow eyes are its outstanding features. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them.

We have both certified and uncertified stock of Red River Early Ohios. Both stocks are fine. The uncertified stock or U. S. No. 1 is practically pure and practically free from disease and is splendid seed stock; way ahead of ordinary Early Ohios.

PRICES OF OLDS' IMPROVED RED RIVER EARLY OHIOS.

Certified Stock: $\frac{1}{2}$ pk., 25c; pk., 40c; bu. (60 lbs.), \$1.25; 100 lbs., \$1.95; 10 bus. (in 100-lb. sacks) at \$1.90 per 100 lbs. Sacks free.

U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.10; 100 lbs., \$1.70; 10 bus. (in 100-lb. sacks) at \$1.65 per 100 lbs.; 25 bus. at \$1.60 per 100 lbs.

OLDS' IRISH COBBLER.



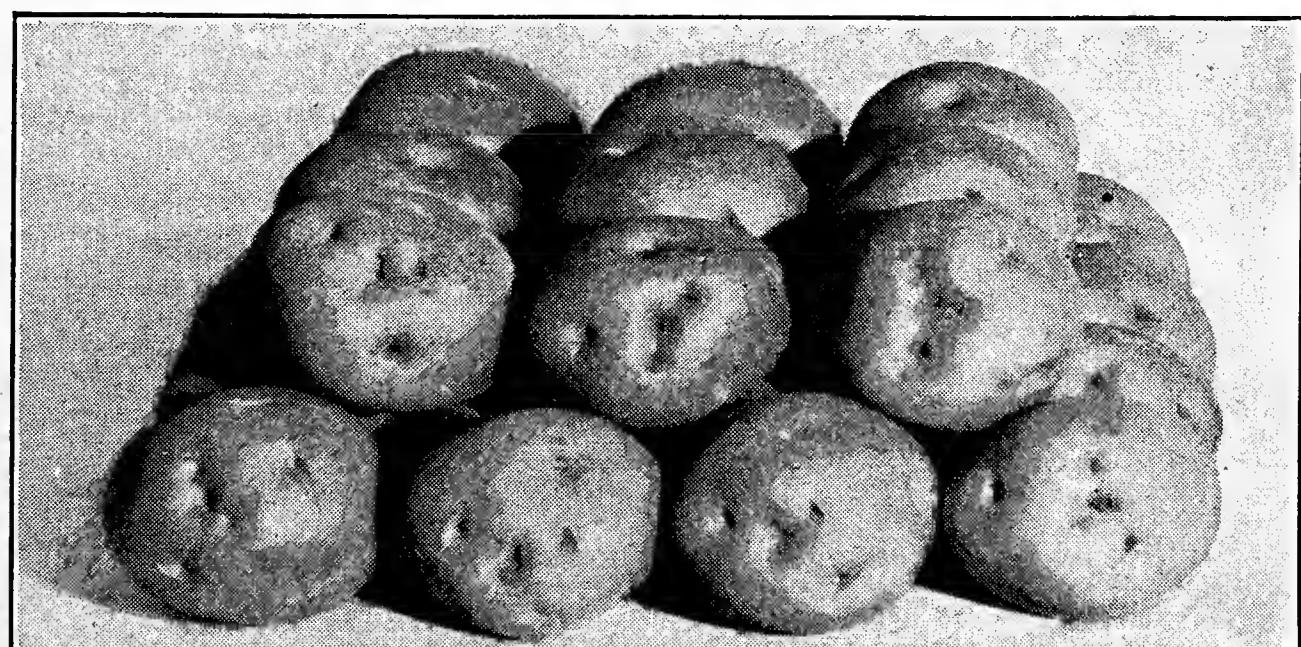
Irish Cobbler seems to continue to maintain its great popularity and is famous now the country over. It is a pure white extra quality potato, nearly round.

We are again securing our Certified Irish Cobblers from L. S. Jacobson and Son, Forest County, northern Wisconsin. These people have an unusually choice strain of Cobblers and have taken many prizes. In fact they have won First Prize 3 years in succession at the State Potato Show. Mr. Jacobson is Vice President of the Wisconsin Potato Growers' Association.

Our Uncertified Cobblers are also northern Wisconsin grown, choice select seed stock. We believe that Cobblers in the northern part of our own state grow smoother than in the Red River country and the eyes are not so deep. They cost less also because the freight is less.

Prices, Certified Stock: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.20; 100 lbs., \$1.85; 10 bus. (in 100-lb. sacks) at \$1.80 per 100 lbs.

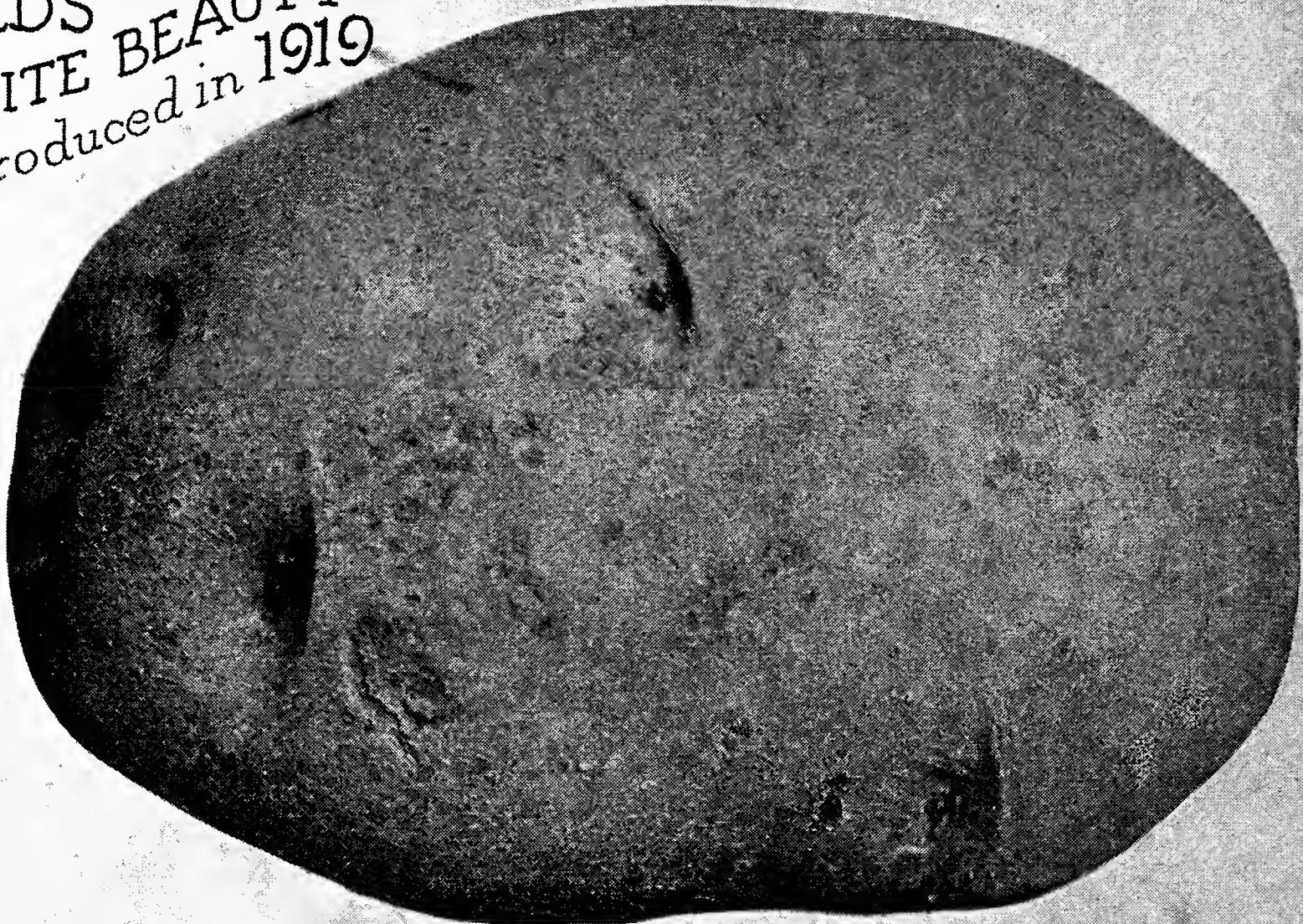
U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 20c; pk., 30c; bu., \$1.05; 100 lbs., \$1.60; 10 bus. at \$1.55 per 100 lbs.; 25 bus. at \$1.50 per 100 lbs. Sacks free.



First Prize Irish Cobblers, Grown by L. S. Jacobson & Son.

Note—Potato prices are subject to market change after Feb. 15th. We would not be surprised to see them higher as they are extremely low now considering the size of the crop. The 1932 crop both in Wisconsin and the country over was below the 1931 crop and way below the 5-year average.

OLDS' WHITE BEAUTY
Introduced in 1919



OLDS' WHITE BEAUTY

YIELD RECORD IN WEST VIRGINIA IN 1932, 534 BUSHELS PER ACRE.

Olds' White Beauty was introduced by us in 1919 as a heavy yielding, high quality, main crop variety.

It has a distinct origin starting from a seed ball in 1911.

Description. Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms. Season medium, a little earlier than Rural. While it resembles Rural it is better. It is slightly russet like the old Snowflake, indicating quality.

Olds' White Beauty was given an official yield record of 466 bushels per acre at the North Dakota Experiment Station. Now just this last fall we have a report from one of our West Virginia customers, Mr. Fred J. Hefner, of a yield of 267 bushels from $\frac{1}{2}$ acre or 534 bushels per acre. Here is Mr. Hefner's story:

"I have a record here which you may use in your catalog if you wish, which shows up well for your White Beauty potatoes from the same seed ordered from you the year you first put out that variety, by my neighbor, Dallas McKeever. On one-half acre he used 1,000 pounds of 4-8-7 fertilizer and harvested 267 bushels of fine potatoes. I sprayed them for him every 10 days during the growing season with a power sprayer and they were practically free from any disease. He purchased the seed from me last spring, the potatoes being raised at an altitude of 3,000 feet. I am proud of that record as I expect to raise seed stock. I have about 1,200 bushels ready for the grader this week. They are good seed stock and I have sold one man 100 bushels for seed already."

The White Beauties we have to offer this year were again grown by Mr. N. B. Dexter, in Sawyer County, northern Wisconsin, and the stock is again very fine. They are smooth, clean, bright and uniform, splendid seed stock.

The stock is all State Certified, being certified as Rurals as the State calls our White Beauty "a very desirable strain of Rurals."

PRICES OF OLDS' WHITE BEAUTY:

Certified: Half pk., 25c; pk., 45c; bu., \$1.35; 100 lbs., \$2.10; 10 bus. at \$2.05 per 100 lbs.; 25 bus. at \$2.00 per 100 lbs. Sacks free.

POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each, labeled and carefully packed in damp moss in paraffin lined boxes. Orders will be filled at the right time for planting. We guarantee safe arrival in good condition.

F. B. Spear, Kansas, writes: "The potato eyes which I got of you did exceedingly well. Every one made a hill of fine potatoes."

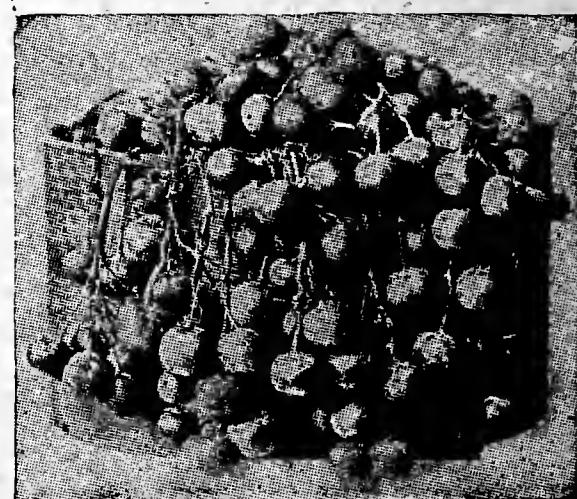


PRICES OF POTATO EYES, ALL VARIETIES:

(Prices Greatly Reduced for 1933.)

- 160 Eyes, (one box) one variety, your selection, \$1.00 by mail, postpaid.
- 160 Eyes, (one box) two varieties, your selection, \$1.10, postpaid.
- 160 Eyes, (one box) four varieties, your selection, \$1.20, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$2.50 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$2.75 by express, not prepaid.

(No orders accepted for less than 160 eyes.)



POTATO SEED-BALLS BY THE BUSHEL. POTATO BALL SEED.

Hybridized potato seed from the balls. Every seed makes a distinct variety. Pkt., 15c; 2 pkts., 25c, postpaid.



Olds' Certified Stock of Improved Rural New Yorkers.

OLDS' IMPROVED RURAL NEW YORKER. MOST POPULAR MAIN CROP POTATO IN NEARLY ALL SECTIONS

Rural New Yorker is by far the most popular main crop variety in cultivation today. Its outstanding characteristics are its beautiful smooth white skin, its inconspicuous eyes and its great yielding qualities. It does the best of any variety as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other variety. It is easily grown, a good keeper and always yields well. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals, all northern Wisconsin grown, from Sawyer County and other northern counties. Ask for special prices in large quantities and for new prices after February 15th.

PRICES OF OLDS' IMPROVED RURAL NEW YORKER:

Certified: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.20; 100 lbs., \$1.85; 10 bus., in 100-lb. sacks, at \$1.80 per 100 lbs.; 25 bus. at \$1.75 per 100 lbs. Sacks included.

U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 20c; pk., 30c; bu., \$1.05; 100 lbs., \$1.60; 10 bus., in 100-lb. sacks, at \$1.55 per 100 lbs.; 25 bus. at \$1.50 per 100 lbs. Sacks free.

Pound Prices. Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 20c; 3 lbs., 45c, postpaid. By freight or express: Lb., 15c. Not less than one pound of a variety sold.

Sacks Free. We ship all potatoes in sacks now unless otherwise ordered, making no charge for the sacks. The unit is a 100-pound sack. If the potatoes are wanted in barrels, add 25 cents for each barrel.

Note—Do not overlook the Potato Tools, Fertilizers and Insecticides we offer on the following pages of the catalog.

Ask for 40-page Wisconsin Bulletin No. 243, "Fertilizers for Cash Crops." Also Bulletin No. 218, "Healthy Potatoes and How To Produce Them." Also No. 330, "Root Crops are Profitable."

ROOT CROPS

MAMMOTH LONG RED MANGEL. 50 lbs. or over, by freight, 24c per lb. (See pages 5 and 11).

DANISH SLUDSTRUP MANGEL. 50 lbs. or over, by freight, 25c per lb. (See pages 5 and 11).

PURPLE TOP STRAP LEAF TURNIP. 50 lbs. or over, by freight, 20c per lb. (See pages 6 and 40).

IMPROVED PURPLE TOP RUTABAGA. 50 lbs. or over, by freight, 28c per lb. (See pages 6 and 40).

INCREASE POTATO PROFITS with IMPROVED SEMESAN BEL This Quick Potato Dip Costs only 1½ to 3c per Bushel

Fifty per cent of all seed potatoes planted in the United States carry disease in some form. This means decreased yields. Much of this loss can be prevented by treating seed before planting with New Improved Semesan Bel. Semesan Bel is effective in controlling such seed-borne diseases as scab, rhizoctonia and black leg. Semesan Bel protects the seed pieces from rotting. Semesan Bel improves germination and usually produces a bigger crop.

Paul A. Johnson, Iowa County Agent, writes: "When tested on Cobblers, Semesan Bel treated seed produced 166 bushels per acre, while only 78.3 bushels were obtained from untreated seed of the same lot, resulting in an increase of 88 bushels, or about 113 per cent."

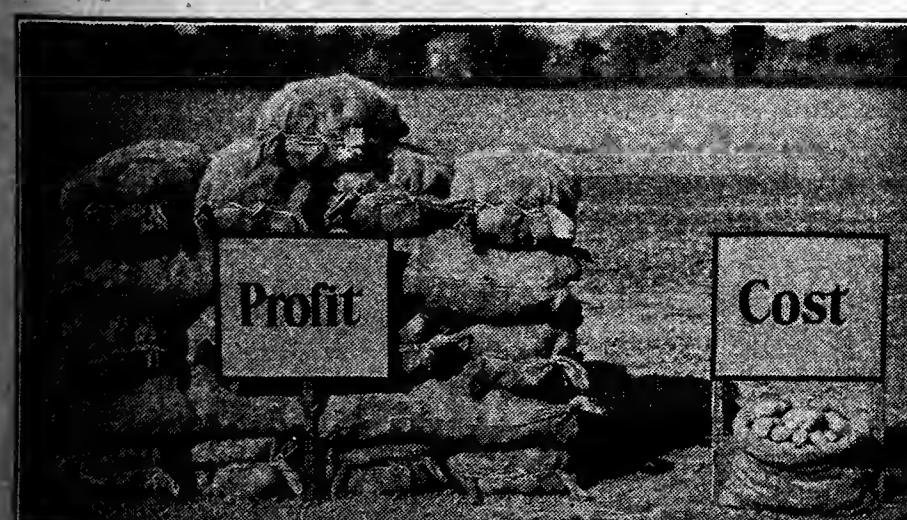
Semesan Bel is easily applied. Just mix with water, dip your potatoes, drain and plant. One man can treat from 200 to 400 bushels per day.

One pound of Improved Semesan Bel will treat 60 to 80 bushels of seed at a cost of only 1½ cents per bushel.

Prices of Semesan Bel: 4-oz. size, 50c; 1-lb. size, \$1.75; 5-lb. size, \$8.00; 25-lb. size, \$31.25. Not mailable.



Ask for folder, "New Improved Semesan Bel."



Only 0.4 of a bushel of the average yield increase of 35.4 bushels reported above was required to pay for the IMPROVED Semesan Bel, leaving a return on money invested of 9830%.

Planet Jr. Garden Tools

ALL PLANET JR. PRICES ARE MATERIALLY LOWER FOR 1933.

The New Planet Jr. Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

PLANET JR. NO. 4 COMBINED SEEDER.

No. 4 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. Complete, as shown in cut, \$16.75. No. 4D. Seeder Only, \$13.50.



PLANET JR. NO. 3 HILL AND DRILL SEEDER.

Plants in continuous rows or in hills 4, 6, 8, 12 and 24 inches apart. Holds 3 quarts. Price, \$16.50.

PLANET JR. NO. 300 DRILL SEEDER.

A new style plate seeder, with wide tread wheels. Plants any size seed from smallest to small bush lima. Holds 4 quarts. Price, \$18.75.

PLANET JR. NO. 35 SEEDER ATTACHMENT.

Fastens to any Wheel Hoe or Garden Plow. Price, \$6.25.

PLANET JR. NO. 25 COMBINED SEEDER.

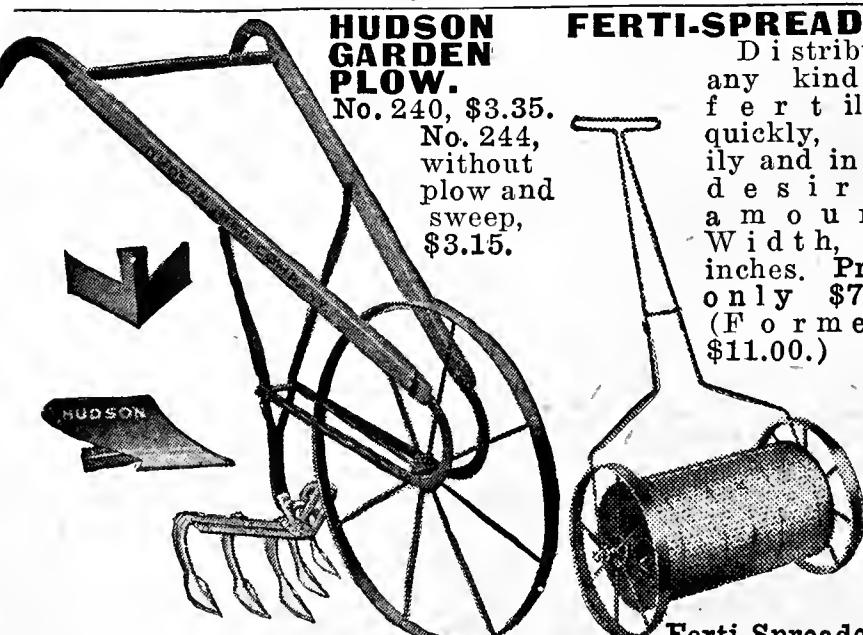
No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$21.00.



HUDSON GARDEN PLOW.

No. 240, \$3.35.

No. 244, without plow and sweep, \$3.15.



FERTI-SPREADER

Distributes any kind of fertilizer quickly, easily and in the desired amount. Width, 20 inches. Price, only \$7.00. (Formerly, \$11.00.)

Ferti-Spreader.

VIGORO SPREADERS.

Vigoro Spreaders are mighty handy garden implements. They apply Vigoro and Grass Seed evenly and quickly, assuring a velvety-green lawn. Made in four sizes.

JUNIOR SPREADER.

16-in. spreading width, 25-lb. capacity. Equipped with shut-off control on handle, disc wheels, and built on forced-feed principle. Price, \$5.45.

STANDARD SPREADER.

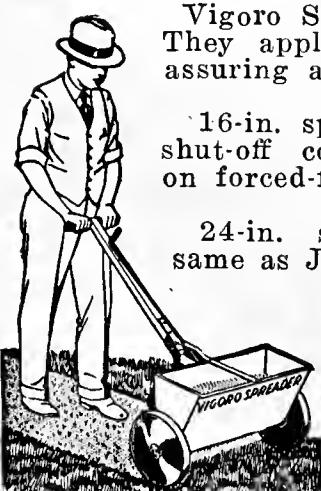
24-in. spreading width, 65-lb. capacity. same as Junior Spreader. Price, \$9.95.

SPECIAL SPREADER.

36-in. spreading width, 100-lb. capacity. Details of construction same as Junior Spreader. Price, \$15.95.

LITTLE SPREADER.

A special model for use on established lawns only. Gives excellent results to the small home owner. Price, \$1.65.



PLANET JR. NO. 12 DOUBLE AND SINGLE WHEEL HOE.

Recognized as the best combination double and single wheel hoe now in use. The assortment of attachments enables one to do plowing, running furrows, and general cultivating work.



Equipment:

As shown in cut, one pair plows, four steel cultivator teeth, one pair 6-inch hoes. Price, \$10.25.

PLANET JR. NO. 17 SINGLE WHEEL HOE.

Equipment: One large garden plow; three steel cultivator teeth; one pair of six-inch hoes. Price, \$7.25.

PLANET JR. NO. 17½ SINGLE WHEEL HOE.

Same as No. 17 without the garden plow. Price, \$6.40.

PLANET JR. NO. 119 GARDEN PLOW.

A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating, hoeing, hilling. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$4.25.

PLANET JR. STAR PULVERIZER, WEEDER AND CULTIVATOR.

A wonderful tool for garden work. Cultivates thoroughly right after a rain and leaves the soil in fine condition. The star discs break up the soil, while the oscillating blade, which works forward or backward, pulverizes the soil, cuts off weeds beneath the surface and levels the soil. Width of cut, 7½ inches. Price, \$2.85; by mail, \$3.15.

PLANET JR. LAWN EDGER.

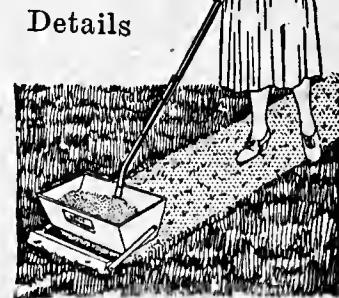
Disc style.

Edges either straight or curved walks of cement, stone or brick, rapidly and easily. Price, \$1.50; by mail, \$1.70.

THOMPSON'S LAWNETTE.

The Lawn Maker.

Spreads quickly and uniformly, in any quantity desired, grass seed, fertilizers, plant foods, etc. Holds 25 pounds, spreads 14 inches wide and operates as fast as a lawn mower. Very simple and easy to run. Price, \$6.00.



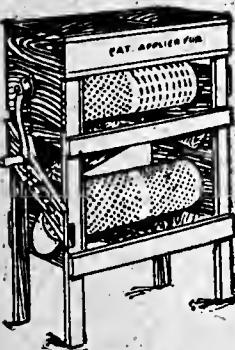
Details



BARKER WEEDEER, MULCHER AND CULTIVATOR—3 TOOLS IN ONE



Barker, Showing the New Filler Drum.



Corn Grader.

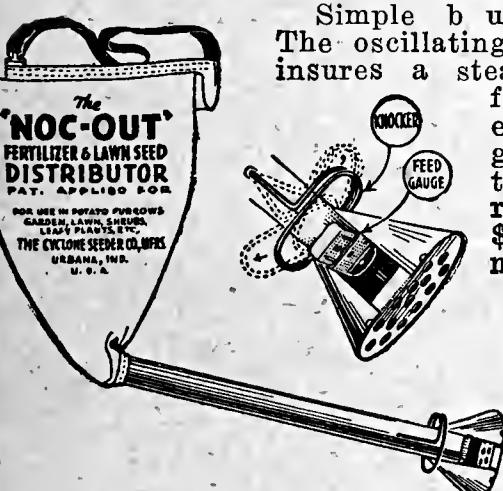
HERO CORN GRADER.

A Corn Grader that is a real grader. You should plant kernels that are all alike in size and shape if you want a perfect stand.

Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$18.00.

NOC-OUT FERTILIZER AND LAWN SEED DISTRIBUTOR.

Simple but practical. The oscillating "Knocker" insures a steady, uniform flow with either lawn grass or fertilizer. Price, reduced, \$1.00; by mail, \$1.10.



ADJUSTO PLANT SUPPORT.

For Tomatoes, Dahlias, etc.

Consists of an oak stake pointed at the bottom and painted green and a hoop of toughest galvanized steel. Adjustable to any height. Prices reduced. With 2 ft. stake, 15c each; doz., \$1.50. With 3 ft. stake, 20c each; doz., \$2.00. With 4 ft. stake, 25c each; doz., \$2.40. With 5 ft. stake, 30c each; doz., \$2.70. (Plant supports not mailable.)



POTTERY BIRD BATHS.

Absolutely weather and frost proof and very ornamental. Beautiful brown color, very artistic.

No. 700. 24 inches high; 17½ inches in diameter. A popular style. Price, \$4.75. (Former price, \$6.00.)

No. 365. 27 inches high. Bowl and pedestal joined together with an iron pipe. Very ornate. \$7.50. (Was \$10.00.)

GARDENING IS EASIER WITH A BARKER. Prices reduced \$1.00 each for 1933. The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower. In market gardening labor is the chief item of expense. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes.

The Barker tools have been greatly improved by the addition of the new "Barker Filler Drum" to each machine. This prevents too deep cultivation and keeps sticks and stones out of the inside of the machine.

No. 6 Baby Barker Jr. 6-inch cut. For greenhouses and small gardens. \$6.25.

No. 8½ Barker Jr. 8½-inch cut. A favorite in the family garden. \$6.95.

No. 10 Barker Jr. 10-inch cut. Very popular size. \$7.45.

No. 6D Barker. 6-inch cut. For lettuce and close rows. \$7.00.

No. 8½D Barker. 8½-inch cut. For the onion grower and all-around gardener. \$8.25.

No. 10D Barker. 10-inch cut. Most useful size. \$9.60.

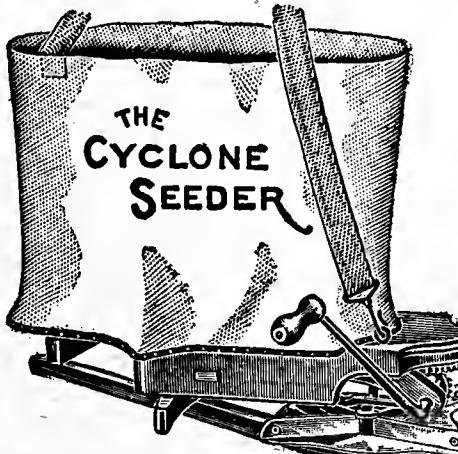
No. 11D Barker. 11-inch cut. For rows 15 inches or more apart. \$10.75.

No. 12D Barker. 12-inch cut. The ideal size for rows 2 or 3 feet apart. \$11.60.

Prices include all attachments. Money back if not satisfied. Guaranteed five years.

The "Barker Jr." tools are of lighter weight than the "Barker D," but carefully constructed and of the same high quality material.

Note—Ask for folder, "Best Weed Killer Ever Used."



CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed. Price, further reduced, \$1.85; by mail, \$2.00.

HORN SEEDER.

Does very satisfactory work. Price, 85c; by mail, 95c.



GRASWIP.

Cut your grass without stooping. Swings like a golf stick. Price, reduced, 90c; by mail, \$1.00.

"43" FOR THE TREE.

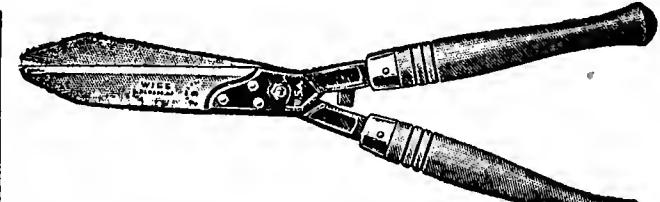
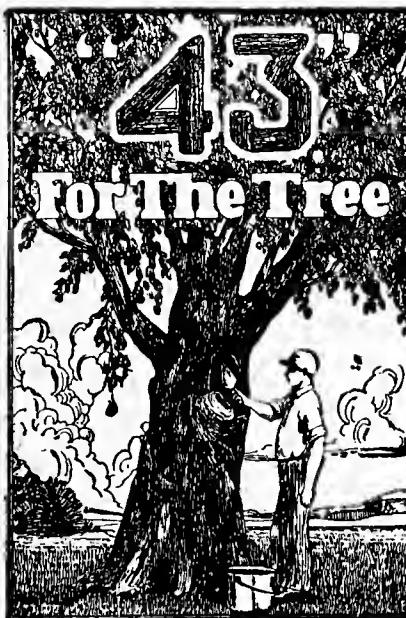
Why Let a Tree Die?

"43" for the Tree destroys fungi and insects. Forms an elastic, waterproof coat, keeping out water, air, infestation and decay.

Order Plastic "43" for cavities; order Liquid "43" to brush over sawed off limbs, surface wounds and to coat around bottoms of trees to prevent animals from attacking them.

Prices greatly reduced for 1933. State whether plastic or liquid is wanted.

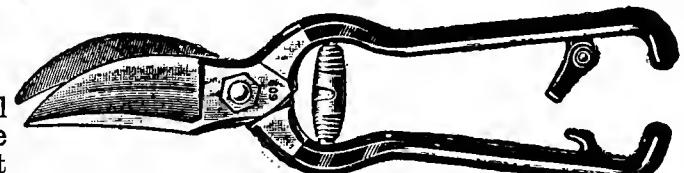
Lb. can	\$0.40; by mail, \$0.50
2½-lb. can .....	.75; by mail, .90
5-lb. can	1.40; by mail, 1.65
10-lb. can	2.60; by mail, 2.95



WISS HEDGE SHEARS.

The Wiss goods are highest in quality. Professional Pattern, 8-inch Blade, (as shown in cut), \$2.50; by mail, \$2.65.

Regular Pattern, 8-inch Blade, (steel handles), \$2.75; by mail, \$2.90.



WISS PRUNING SHEARS.

No. 609. (As shown in cut), 9 inches long, \$1.50; by mail, \$1.55.

No. 608. 8½ inches long, red handles, \$1.00; by mail, \$1.05.

No. 409. Same as No. 609, except finer in finish, \$1.75; by mail, \$1.80.

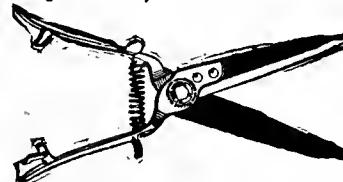
No. 309B. Brass leaf springs, \$2.50; by mail, \$2.55.

Wiss Grass Shears. 12-inch length, \$1.25; by mail, \$1.35.



CALIFORNIA PRUNING SHEARS.

A thoroughly reliable pruning shear. Price: 90c; by mail, 95c.



GRASNIP SHEARS.

Price, \$1.00; by mail, \$1.10.



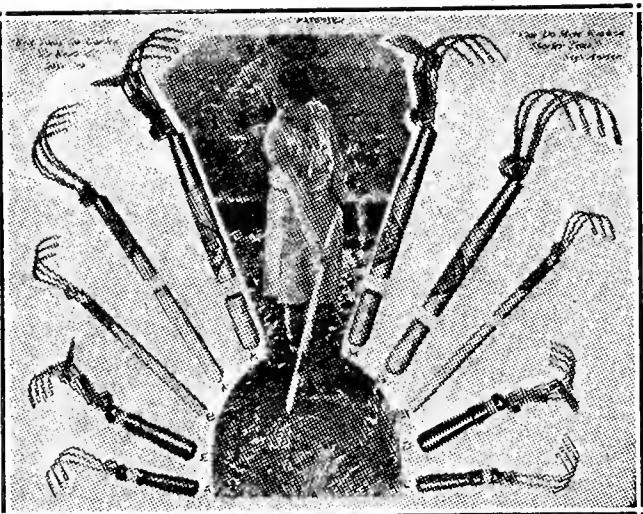
LONG HANDLE PRUNING SHEARS.

Special heavy, 26 inch. Price (reduced), \$3.00; by mail, \$3.15.



GRASS HOOK.

45c; by mail, 50c.



MAGIC WEEDEER HOES.

Style A. 3 tines, 9 inches long. 20c; by mail, 25c.

Style B. 18-inch handle. 25c; by mail, 30c.

Style B. B. 36-inch handle. 35c; by mail, 40c.

Style C. Larger and stronger than Style A. 4 tines. 35c; by mail, 40c.

Style D. Still larger. 11 inches long, with 1 1/2-inch blade. 50c; by mail, 60c.

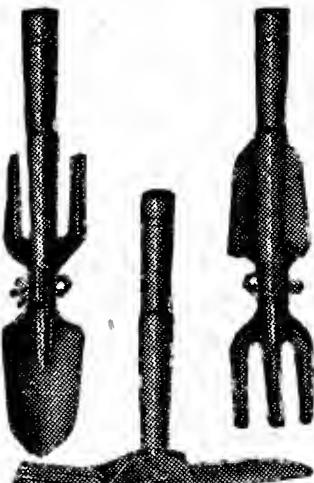
Style E. "V" pointed blade. 50c; by mail, 60c.

Style F. Long handle, 42 inches. Heavier than the preceding. 70c; mail, 85c.

Style G. Larger and stronger. 48-inch handle. \$1.00; by mail, \$1.15.

Style H. Cutting blade added. \$1.25; mail, \$1.40.

Style K. "V" shaped blade. \$1.25; mail, \$1.40.



HOEFORK TROWEL.

Three tools in one, a hoe weeder, fork and trowel. 40c; by mail, 45c.

GATOR HIDE MULCH PAPER.

Makes cultivation unnecessary. Reduced price, \$3.00 per roll; trial size, 65c.

(See page 39.)

DUBAY SEED DIS. INFECTANTS.

SEMESAN. For Garden Seeds. (See page 25.)

SEMESAN JR. For Corn. (See page 75.)

SEMESAN BEL. For Potatoes. (See page 87.)

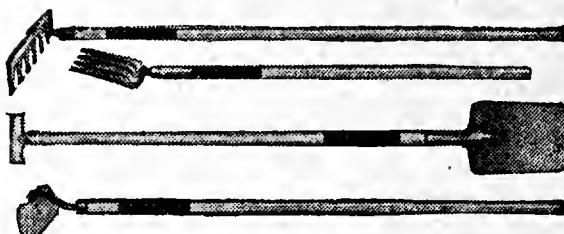
CERESAN. For Oats. (See page 78.)

NITRAGIN.

Inoculate all Legumes, including Alfalfa, all Clovers, Soy Beans, Peas and Beans. (See page 67.)

NORCROSS CULTIVATOR HOE.

Every garden needs a Norcross, no matter what other hoes you may have. 5-prong, 4-foot handle, \$1.00; by mail, \$1.15. 3-prong, 4-foot handle, 80c; by mail, 95c. "Midget," 9-inch handle, 50c; by mail, 55c.



4-PIECE GARDEN SET.

(For the boys and girls.) The set, 75c; by mail, 95c.



STEEL BOW GARDEN RAKE.

Finest rake made.

Price, reduced, \$1.10; mail, \$1.25.



CONCAVE POTATO KNIFE.

Pieces never stick together. Price, 35c; 3 for 90c, postpaid.



LAWN RAKE.

24-Tooth, 85c; by mail, \$1.00.



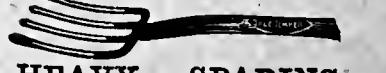
GARDEN HOE.

7 1/2-in. Socket, \$1.00; by mail, \$1.15.



NURSERY MAN'S HOE.

\$1.05; mail, \$1.20.



HEAVY SPADING FORK.

True temper. \$1.50; by mail, \$1.70.



BOYS' SPADING FORK.

Light. Best made. 90c; by mail, \$1.05.



STEEL GARDEN TROWEL.

Extra heavy, 8-inch, 15c each; by mail, 20c.

Light, 6-inch blade, 10c each; by mail, 15c.



TRANSPLANTING TROWEL.

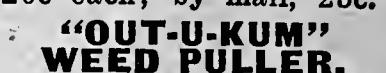
Heavy, 6 1/2-inch blade, 15c each; by mail, 20c.

Light, 6-inch blade, 10c each; by mail, 15c.



GARDEN SPADING FORK.

20c each; by mail, 25c.



"OUT-U-KUM" WEED PULLER.

A slight push and pull removes not only the weed but the entire root. Ridding a lawn of dandelions is just fun. Long handle.

Price, 65c; by mail, 75c.



ROYAL MISTY-FIER.

The Perfect Lawn Sprinkler.

Brings soft, steady, misty moisture without violence. Cannot get out of order and will last a lifetime. Price: \$1.00; by mail, \$1.10.

DUBL-DUTI CULTIVATOR.

Cultivator teeth one side, 5-inch blade reverse side. Long handle. \$1.00; by mail, \$1.15.

ACME HAND PLANTERS.



Plain. With P. S. A. Rotary.

Corn Planter, Plain. Accurate. \$1.25; by mail, \$1.40.

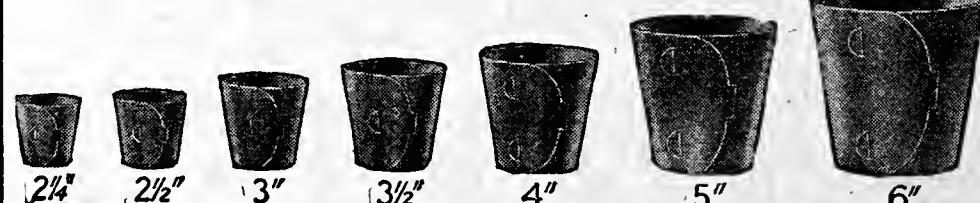
Corn Planter, with Pump. Seed Att. \$1.40; by mail, \$1.55.

Corn Planter, with Fert. Attachment. \$2.50; by mail, \$2.65.

Corn Planter, Rotary. Automatic. \$2.50; by mail, \$2.65.

Potato Planter. Stick planter. \$1.20; by mail, \$1.35.

Bird's IMPROVED NEPONSET Flower Pots



Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots.

By mail.

By express or freight.

	25	100	25	100	1,000
2 1/4-inch	\$0.20	\$0.65	\$0.15	\$0.55	\$4.75
2 1/2-inch . . . . .	.25	.75	.20	.65	5.25
3 -inch . . . . .	.30	.90	.25	.75	6.25
3 1/2-inch . . . . .	.35	1.05	.30	.90	8.00
4 -inch . . . . .	.45	1.25	.40	1.10	9.50
5 -inch . . . . .	.65	1.70	.50	1.40	12.00
6 -inch . . . . .	.80	2.25	.60	1.80	15.00

BIRD'S FLOWER POT COVERS.

Made in decorative designs of waterproof paper, all set up ready to slip over clay flower pots. More economical than crepe paper.

By mail.

By express.

	12	25	100	12	25	100
For 4-inch clay pots . . .	\$0.50	\$0.85	\$3.00	\$0.40	\$0.75	\$2.75
For 5-inch clay pots . . .	.55	.95	3.40	.45	.85	3.10
For 6-inch clay pots . . .	.65	1.15	4.10	.55	1.00	3.65

PAINTED POT AND GARDEN LABELS.

	25	100	25	100	1,000
Painted Labels 4x 5/8 . .	\$0.10	\$0.35	\$0.08	\$0.28	\$2.25
Painted Labels 5x 5/8 . .	.13	.40	.10	.30	2.40
Painted Labels 8x 7/8 . .	.30	1.00	.25	.80	7.00
Painted Labels 10x 5/8 . .	.25	.85	.20	.70	6.50
Painted Labels 10x 7/8 . .	.35	1.15	.30	.95	8.50
Painted Labels 12x 5/8 . .	.30	1.05	.25	.85	7.50



Myers Barrel Spray Pump.

MYERS BARREL SPRAY PUMP.

The Myers Improved Brass Barrel Spray Pump No. 305, with bronze ball valves, brass cylinder and discharge pipe, is, we believe, the best.

Price, complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, but not including barrel, only \$10.50. (Formerly \$14.00.)

HUDSON PERFECTION SPRAYER.

For general high pressure purposes the Hudson Perfection is the very best. Easily operated and very satisfactory for spraying, disinfecting or whitewashing. Capacity, 4 gallons. Price (reduced), galvanized, \$6.25; brass, \$9.25.

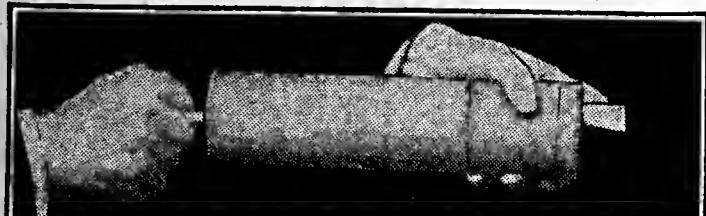
HUDSON JUNIOR SPRAYER.

Similar to the Hudson Perfection but smaller. Capacity, 2 1/2 gallons. Price (reduced), galvanized, \$4.25; brass, \$6.50.

HUDSON CLIMAX SPRAYER.

Offers all essentials of a high pressure sprayer at minimum cost. Adapted to all classes of work the same as the Perfection. Holds 3 3/4 gallons. Price, galvanized, only \$3.60.

AUTO SPRAY NO. 1. Galvanized tank. Holds 5 gallons. Price, only \$4.00. (Formerly \$6.00.)



FEENEY DUST GUN.

For applying Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves.

Price, reduced, 90c; by mail, \$1.00.

"HUMANE" DEHORNING PENCIL.

The value of a calf is greatly increased by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work. Does not injure the calf and is entirely painless. Each pencil will dehorn from 15 to 20 calves. Satisfaction absolutely guaranteed. Price, 60c per pencil; 3 for \$1.50, postpaid.

SOILTEX. TEST FOR ACID SOIL.

Soiltest is a new, quick, easy and accurate soil testing method, whereby you can determine exactly in a few minutes whether or not your soil is acid and how much lime it needs.

Many farms fail to grow alfalfa and sweet clover successfully, and other crops as well, because needing lime.

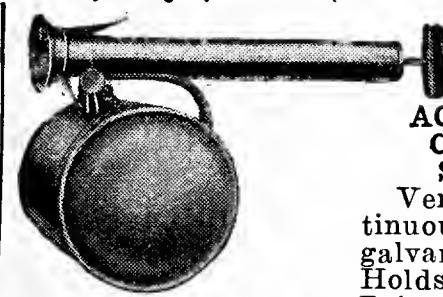
Each outfit will make 75 to 100 tests. Full directions included. Costs less than 2 cents per sample tested.

Price, \$1.00 postpaid.



PLANT JR. FERT. DISTRIBUTOR.

Will distribute from 100 to 2,000 pounds of commercial fertilizer per acre as desired. Price, \$26.00.



ACME SUPER CHEMICAL SPRAYER.

Very powerful continuous sprayer with galvanized tank. Holds 1 1/2 gallons. Price, reduced, \$4.00.

ARMSTRONG STANDARD SPRAY PUMP.

Ideal for spraying insecticides or disinfectants, for white washing, for fire protection, for washing windows, for washing autos.

Price, reduced, with 3 1/2-foot Hose and Assorted Nozzles, \$4.50; by mail, \$4.75.

SULPHO TOBACCO SOAP.

For spraying plants, shrubs, trees, vines. 3-oz. cake, makes 1 1/2 gallons, 15c; by mail, 20c; 8-oz. cake, 25c; by mail, 30c.

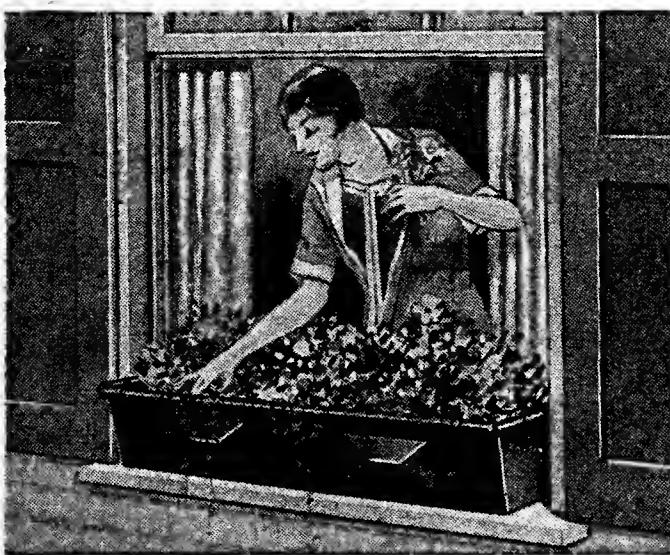
LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap), \$1.00, postpaid. Extra Bulbs, 40c each.

ENOZ MOTH LIQUID SPRAYER.

A finely finished sprayer for use in the house. Price, reduced, 60c; by mail, 70c.



HUDSON STEEL FLOWER BOXES

Made of copper bearing, rust-resisting steel and painted green. Water is applied through the water entrances at the corners and reaches the plants from below.

A very satisfactory box at a low price. 26-inch, (for 30-inch windows), \$1.50.

32-inch, (for 36-inch windows), \$1.90.

SAVO FLOWER BOXES.

Model A. Length, 23 inches, \$3.00.

Model B. Length, 29 inches, \$3.50.

Model C. Length, 35 inches, \$4.00.

Model D. Length, 41 inches, \$4.50.

(Ask for Savo descriptive folder.)



Lenox Sprayer.



ACME SPRAY-ER. Holds one quart. Price, 35c; by mail, 45c.



GLASS TANK SPRAYER. One quart. Price, 50c. (Not mailable.)



CONTINUOUS SPRAYER.

Gives a continuous spray. Price, 65c; by mail, 75c.

BABY MIDGET.

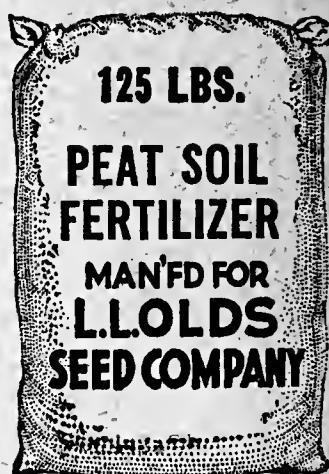
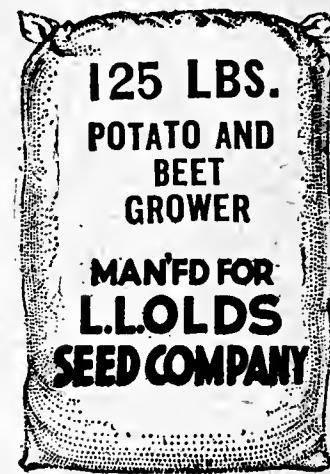
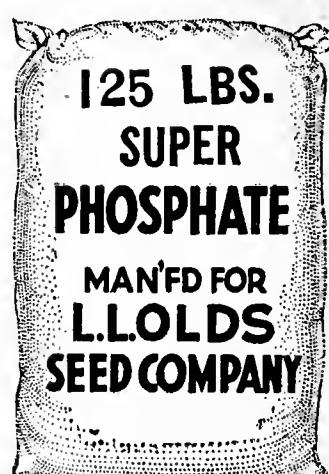
For the house and small garden. Price, 1/2 pt., 25c; by mail, 35c.

BANTAM SPRAYER.

Holds about 1/4 pint. Price, 15c; by mail, 25c.

FERTILIZERS AND PLANT FOODS

We handle the celebrated "Red Steer Fertilizers," from Swift & Company. Also "AA Quality" Fertilizers.



CHAMPION WHEAT AND CORN GROWER. (2-12-2) A high grade complete fertilizer for corn and all grain crops especially where the soil is thin. 125 lbs., \$2.00; 1,000 lbs., \$15.25; 2,000 lbs., \$29.25.

TRUCK GARDENERS' SPECIAL. (4-8-6) A highly concentrated fertilizer for potatoes, truck and garden crops. Strong in nitrogen and potash. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 25 lbs., 75c; 125 lbs., \$2.50; 1,000 lbs., \$18.75; 2,000 lbs., \$36.45.

SUPER TRUCKERS' SPECIAL. (8-16-16) A very highly concentrated fertilizer, offering a large saving in unit cost. Most economical for market gardeners. 125 lbs., \$4.25; 1,000 lbs., \$31.50; 2,000 lbs., \$61.50.

SUPER PHOSPHATE. (0-20-0) For use in supplementing farm manure. Use 50 lbs. to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$2.10; 1,000 lbs., \$15.75; 2,000 lbs., \$30.55.

POTATO AND BEET GROWER. (2-12-6) Specially recommended for potatoes and for sugar beets. Also fine for tobacco. Strong in phosphoric acid and in potash. 125 lbs., \$2.25; 1,000 lbs., \$17.25; 2,000 lbs., \$33.35.

SPECIAL CORN FERTILIZER. (4-16-4) Used now by the best corn farmers. More economical than 2-12-2 because of higher analysis. 125 lbs., \$2.75; 1,000 lbs., \$20.50; 2,000 lbs., \$39.95.

PEAT SOIL FERTILIZER. (0-12-12) For marsh lands. 125 lbs., \$2.50; 1,000 lbs., \$18.25; 2,000 lbs., \$35.25.

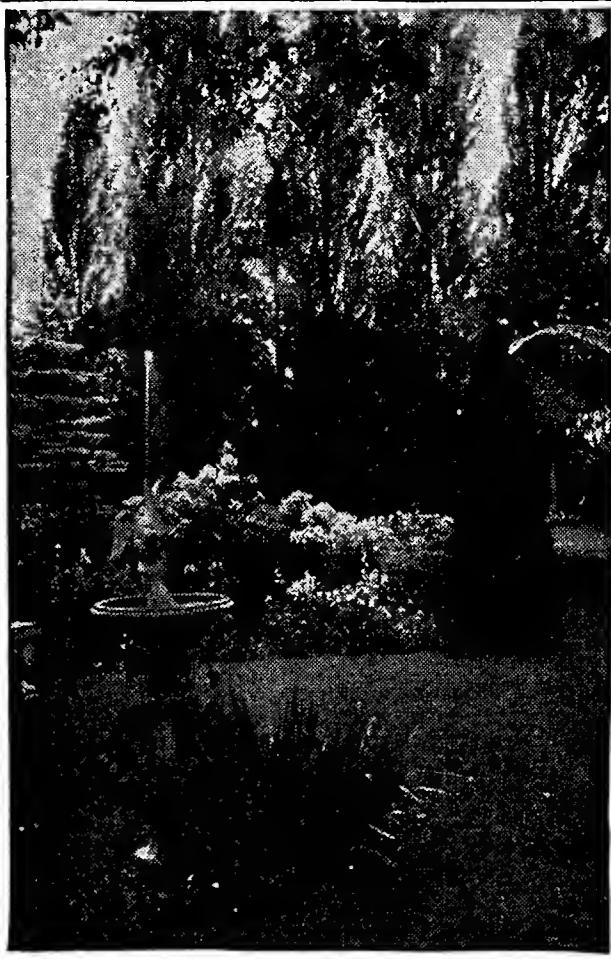
BONE MEAL. (1-29-0) For roses, shrubbery and flowers. Also fine for lawns. Use 3 to 5 pounds per 100 square feet or for plants one pound to 50 pounds of soil. 10 lbs., 40c; 25 lbs., 75c; 125 lbs., \$2.75; 1,000 lbs., \$20.00.

ARCADIAN SULPHATE OF AMMONIA. (20-0-0) A wonderful fertilizer for lawns and gardens. 10 lbs., 50c; 25 lbs., 90c; 100 lbs., \$3.00; 1,000 lbs., \$23.50; 2,000 lbs., \$45.00. (In 100-lb. sacks.)

ARCADIAN NITRATE OF SODA. (16 1/4-0-0) Very valuable for fruit trees and tobacco plants. 10 lbs., 60c; 25 lbs., \$1.15; 100 lbs., \$3.75; 1,000 lbs., \$33.50; 2,000 lbs., \$65.00. (In 100-lb. sacks.)

(Our Fertilizers, except Sulphate of Ammonia and Nitrate of Soda, are put up in 125-pound sacks. The analysis figures refer to the percentage of each brand—first, nitrogen, second, available phosphoric acid, third, potash. Prices are subject to change. Write for prices when ready to buy if a quantity is wanted. Prices may be lower.)

FERTILIZER BULLETINS, Free on Application. "Fertilizing Corn," "Fertilizing Potatoes," "Fertilizing Small Grains," "Yes, It Pays," "How to Get the Most Out of Fertilizers," "Getting a Stand of Alfalfa."



For Gardening Success

Select good seeds and plants, care for them properly, and feed them regularly with Vigoro, the complete, balanced plant food.

Vigoro contains all of the food elements plants must get from the soil to produce rich-green, velvety lawns, beautiful flowers, full-foliaged shrubs and trees, and early, delicious vegetables. Vigoro is "the square meal for all plants."

Clean, odorless, and economical. Simple directions for using Vigoro in every bag or package. Used annually on 3,000,000 homes. We recommend it highly.

100-lb. Bag \$4.00
50-lb. Bag 2.50
25-lb. Bag 1.50
10-lb. Pkg. .85
5-lb. Pkg. .50
12-oz. Pkg. .10
F.O.B. Madison.

A Product of Swift & Company

VIGORO
Complete plant food

"Use Vigoro on Everything You Grow"

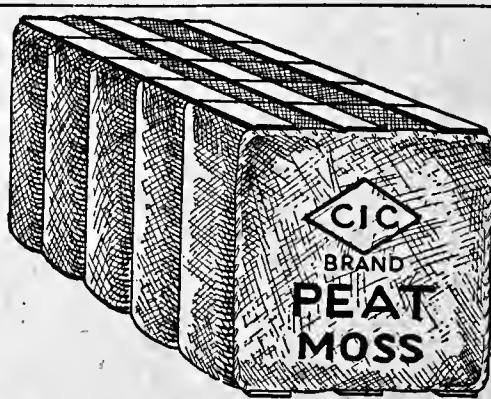


PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Splendid for lawns, house and greenhouse plants, garden crops of all kinds and fruit trees.

Prices: 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.00; 1,000 lbs., \$16.50; 2,000 lbs., \$32.00. (Prices do not include postage.)

(Folder "The Ideal Fertilizer.")



PEAT MOSS.

Fine Horticultural Grade. Makes the finest mulch for plants and bulbs. Also improves the soil. Fine for Rock Gardens.

20-lb. bale, 75c; 40-lb. bale, \$1.25; 140-lb. bale, \$2.75.

SPHAGNUM MOSS. For packing roots and nursery stock.

Bale, 70c; 5 bales at 65c; 10 bales at 60c.

WATCH-EM-GROW PLANT FOOD.

Odorless, soluble, highly concentrated, quick-acting.

Large trial package, 10c, postpaid. Return empty package for 10c credit on large can. Big eight-ounce can only 50c, postpaid.



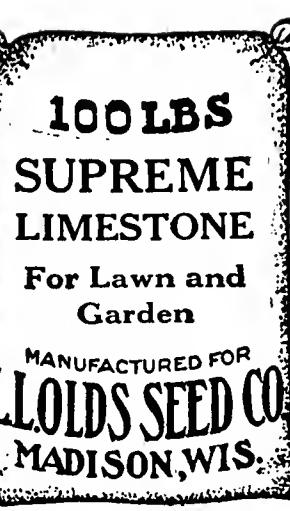
STIM-U-PLANT.

Simply insert tablet in soil near base of plant.

Postpaid prices: 10 tablets, 15c; 30 tablets, 25c; 100 tablets, 75c; 1,000, \$3.50.

OYAMA PLANT FOOD.

25c; by mail, 30c. (Not licensed in Wis.)

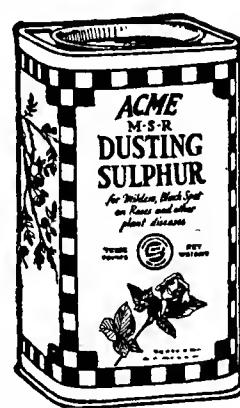
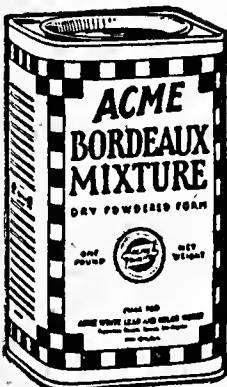
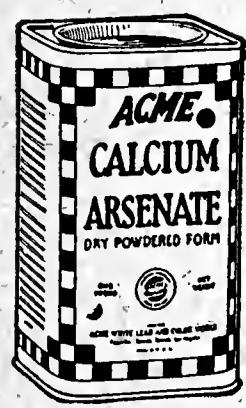
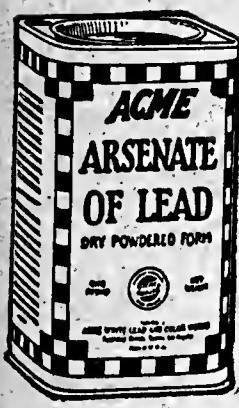


SUPREME LIMESTONE.

Makes a dark green lawn on sour soils. Also fine for gardens. 25 lbs., 25c; 100-lb. sack, 75c; 500 lbs., \$3.50; 2,000 lbs., \$11.50.

AGRICULTURAL LIME. 100-lb. sack, 60c; 1,000 lbs., \$4.00; 2,000 lbs., \$7.50. Special prices in car lots.

SPRAYING ACME MATERIALS



DRY ARSENATE OF LEAD. For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green.

Prices: $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 4 lbs., 85c; 24 lbs., \$4.00; 96 lbs., \$14.50.

DRY CALCIUM ARSENATE. Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and is still more effective. $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 4 lbs., 65c; 24 lbs., \$3.00; 96 lbs., \$10.00.

DRY BORDEAUX MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed. Prices: $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 4 lbs., 80c; 25 lbs., \$3.50; 50 lbs., \$6.50.

DRY LIME SULPHUR. For San Jose scale and common spray. Just as effective as the lime sulphur solution and more easily handled. 1 lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$4.00; 100 lbs., \$15.00.

ALL ROUND SPRAY. A combination, "one shot," spray. Contains Nicotine Sulphate, for sucking insects, Arsenate of Lead, for chewing insects and Bordeaux Mixture, for fungous diseases. $\frac{1}{4}$ lb. size, 45c; 1 lb., 95c.

GARDEN GUARD. "Guards Your Garden." An all-around garden insecticide. No sprayer needed. Just sift it on the foliage from the shaker top carton. (Ask for folder.) Lb. carton, 25c; 5 lb. bag, 75c.

DUSTING SULPHUR. For controlling mildew, black spot and leaf spot on roses and other flowers and red spider on evergreens. Recommended by Experiment Stations and garden magazines. (Ask for folder.) 3 lb. carton, 40c.

NOTICE. All of the above are poisons and not mailable. Special prices in quantity. (Ask for "Spray Guide.")

SLUG SHOT.

Hammond's Slug Shot for currant worms, potato bugs, cabbage worms, etc. A fungicide as well as insecticide. A reliable remedy used for years the country over, and considered by many the safest, most effective, easiest to use and most economical general purpose insecticide-fungicide.

Prices: 1 lb. carton with sifter top, 25c; 5 lbs., 75c; 10 lbs., \$1.45; 25 lbs., \$3.50. (Not mailable.)

ANTROL

THE NATIONAL ANT CONTROL.

Quickly destroys ants. Composed of containers with a special syrup.

Easy to use, economical, effective. Proved in over a million homes. Safe around children and pets.

Prices: Antrol Set, containing 4 containers and 4 oz. bottle of syrup, 75c. Extra Containers, $12\frac{1}{2}$ c each. Antrol Syrup, 4 oz. bottle, 35c; pint, 85c; gallon, \$3.50.



SNAROL

THE NATIONAL PEST CONTROL.

Kills cutworms, grasshoppers, slugs.

A ready prepared meal that is simply broadcast on the ground.

Prices: $1\frac{1}{2}$ lb. pkg., 35c; 4 lbs., 85c; 15 lbs., \$3.00. Not mailable.



BONIDE CRO-TOX.

For the protection of seed corn against crows. Also effective against gophers and blackbirds. It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs less than 10 cents per acre. Money refunded if not satisfactory.

Prices (reduced): $\frac{1}{2}$ pt. can, treats one bushel, 60c; by mail, 70c. Pint can, treats two bushels, \$1.00; by mail, \$1.10. Quart can, treats four bushels, \$1.50; by mail, \$1.65.

PYROX. A powerful fungicide. For potatoes, fruit and garden crops.

Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25. (Not mailable.)



CED-O-FLORA.

A reliable spray for flowering plants. Quickly destroys mealy bugs, red spiders, scale, aphis and other plant pests. Use it on your house plants and outdoor plants.

Prices: 3 oz. size, 35c; by mail, 40c; 8 oz. size, 70c; by mail, 75c.

SODIUM CHLORATE.

For weed eradication. Present price, (subject to change) \$8.00 per 100 lb. drum. Write for prices later.

CALCIUM CHLORATE.

Less dangerous to handle than Sodium Chlorate. Present price, \$9.25 per 100-lb. drum.



Shebs Plant Spray Kills Bugs

This non-poisonous spray gives positive protection against both sucking and chewing insect pests, including aphids, thrips, green flies, worms and others. Harmless to humans, birds, animals and pets. Easy to mix.

Prices, postpaid:

2-oz. bottle, (makes 4 gals.) 35c.
8-oz. bottle, (makes 16 gals.) 75c.
Pint bottle, (makes 32 gals.) \$1.25.
Quart can, (makes 64 gals.) \$2.00.



Black Leaf 40 FRIEND of Growers and Poultry People!

40% Nicotine. The world's leading contact insecticide and poultry delouser. Always dependable. "A little goes a long way."

Kills Aphis, Thrips, Leaf Hoppers and

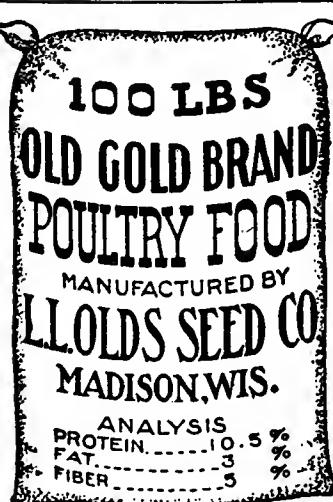
other insects on garden, farm and orchard crops by contact and fumes—an advantage not possessed by non-volatile, non-poisonous spray materials.



Also Kills Poultry Lice . . .

Merely paint tops of perches with "Black Leaf 40." Body heat from roosting birds creates fumes which penetrate feathers and kill lice and feather mites.

See next page for prices.



MAKE YOUR HENS LAY MORE EGGS



PEARL GRIT.

Pearl Grit is almost pure calcium and this is what the hen needs to do her best work in turning out eggs.

Also fine for baby chicks. Prof. J. G. Halpin says "The first thing to feed chicks is grit."

Prices: either chick size or poultry size: 10-lb. carton, 25c; 100-lb. sack, 90c; 3 sacks at 85c.



EVER GREEN

KILLS ANTS AND GARDEN INSECTS

Ever Green is a powerful, non-poisonous insecticide that kills all plant insects. Will not burn, blight, or stain the most tender foliage. May be used on fruits and vegetables before eating. One ounce makes 6 gallons of spray.

Prices: 1 oz. size, 35c; by mail, 40c. 6 oz. size, \$1.00; by mail, \$1.05. 16 oz. size, \$2.00; by mail, \$2.10. 32 oz. size, \$3.50; by mail, \$3.65. Gallon size, \$11.50.



RED ARROW SPRAY. Pyrethrum in Perfected Form.

Red Arrow is a combination of a highly concentrated extract obtained from certain varieties of Pyrethrum flowers and a neutral cocoanut oil soap. Very effective. Red Arrow kills all garden pests, plant lice, red spiders, mealy bugs, etc. Absolutely non-poisonous and therefore harmless to human beings, domestic pets and birds. Easily applied. Simply mix with water. No soap needed.

Postpaid Prices: 1-oz. bottle, 35c; $\frac{1}{4}$ -pint can, \$1.00; $\frac{1}{2}$ -pint can, \$1.75; 1-pint can, \$3.25.



ACME APHIS SPRAY.

An improved nicotine spray combining a soft fish oil soap with Black Leaf 40, suitable for the control of all kinds of aphis (plant lice), thrip, leaf hopper and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Mixes easily with any kind of water.

3-oz. tube, 35c. Not mailable.

SURE NOXEM.

For use on potatoes, cabbage, cauliflowers, cucumbers, melons, tomatoes, currants, gooseberries and all other vegetables and shrubs. Kills all insects.

Pound carton (sifter top), 25c; 5-lb. bag, 75c; 100 lbs., \$9.00. Not mailable.

FORMALDEHYDE.

For preventing smut in grain, scab on potatoes, etc.

1 lb. (treats 40 bus.) 40c; 5 lbs., \$1.75. Not mailable.

HAMMOND'S GRAPE AND ROSE DUST.

For black spot on roses, powdery mildew on grapes and flowers, blights, etc. Famous for half a century.

1-lb. perforated canister, 35c; 5 lbs., \$1.00. Not mailable.



POULTRY FEEDS, SHELLS, GRIT

OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, sunflower, barley and buckwheat. No grit. Prices: 10-lb. sack, 15c; 100-lb. sack, \$1.15; 3 sacks at \$1.10.

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food, suitable for chicks from 4 to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc. No grit.

Prices: 10-lb. sack, 20c; 100-lb. sack, \$1.45; 3 sacks at \$1.40.

(Prices of poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

FOS-FOR-US

POULTRY MINERALS.

Makes hard-shelled eggs and big-boned chicks. Takes the place of bonemeal, oyster shells and ordinary grit.

Prices (reduced): Fos-For-Us Grit, either chick or poultry size: 10 lbs., 25c; 100-lb. sack, 90c; 3 sacks at 85c. Fos-For-Us Grit Meal: 10 lbs., 25c; 100-lb. sack, \$1.05; 3 sacks at \$1.00.

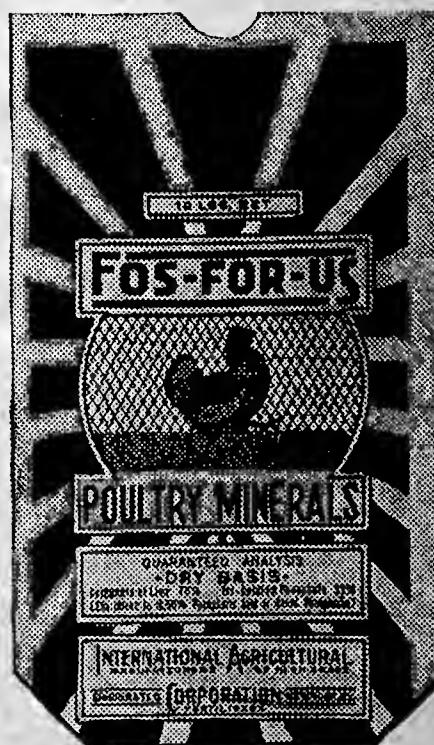
(Ask for 10 page folder.)

REEF BRAND OYSTER SHELLS.

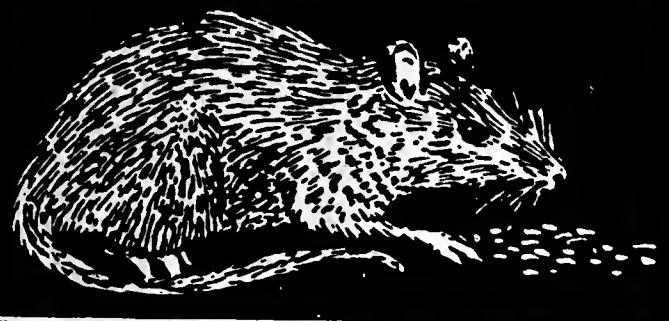
Nationally advertised brand. Cleaner and better than any other shells. Best obtainable. 100-lb. sack, 90c; 3 at 85c.

POWDERED LIME-STONE.

For poultry and stock. 80-lb. sack, 70c; 3 sacks at 65c.



RAT-SCENT



RAT-SCENT.

Sure death to rats and mice. Harmless to chickens. No bait to mix. Not one complaint of odor from dead rats or mice in 10 years. Lasts indefinitely and never gets mouldy or wormy. We recommend this very emphatically. It is giving splendid satisfaction.

Prices: 35c and 50c. (Not mailable.)

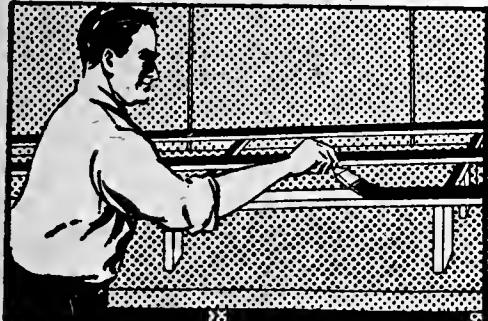


RAT CORN.

Kills rats and mice. Harmless to livestock.

Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.

PAINT THE ROOSTS



WITH "BLACK LEAF 40"

Kills poultry lice. Just paint it on the roosts. Eliminates individual handling of birds. Very effective and largely used now.

Prices: 1-oz. size, 35c; 5-oz. size, \$1.00; 1 lb., \$2.10; 2 lbs., \$3.10; 5 lbs., \$5.85; 10 lbs., \$10.15. Not mailable. See also preceding page.

LOOK FOR THIS NAME
"FLEX-O-GLASS" - printed on
every yard for your protection.
2 YEARS SERVICE
GUARANTEED

for Poultry Houses,
HOT BEDS,
PORCHES,
BARN WINDOWS

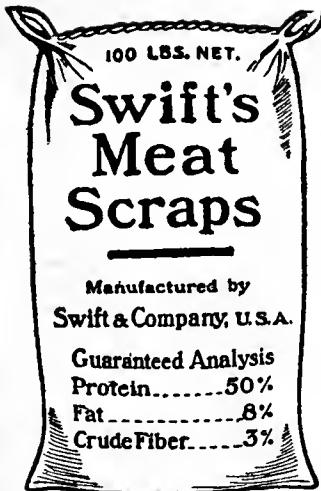
FLEX-O-GLASS

PROVED BEST ~ ASK YOUR NEIGHBOR

FLEX-O-GLASS.

Costs only 1/10 as much as glass and is proving a very satisfactory substitute.

Prices, reduced: 5 square yards, \$1.25; by mail, \$1.40; 10 yards, \$2.25; by mail, \$2.50. 50 yards at 20c, not prepaid.



SWIFT'S MEAT SCRAPS.

Manufactured by
Swift & Company, U.S.A.

Guaranteed Analysis
Protein.....50%
Fat.....8%
Crude Fiber.....3%

SWIFT'S SPECIAL BONE MEAL.

Prices: 10 lbs., 35c;
100 lbs., \$2.10.

ALFALFA MEAL.

To use with mashes.
Prices (reduced): No. 1 Medium:
10 lbs., 25c; 100-lb. sack, \$1.45; 3
sacks at \$1.40.

No. 1 Fine: 10 lbs., 25c; 100-lb.
sack, \$1.75; 3 sacks at \$1.70.

GRANULATED CHARCOAL.

50-lb. sack (two sizes, poultry and
chick), \$1.05; 100 lbs., \$2.00; 300
lbs. at \$1.90.

POULTRY GRAINS.

(Prices subject to change. Write
for Weekly Price List.) Per 100 lbs.
Feed Wheat \$1.15
Cracked Wheat 1.30
Cracked Corn, coarse95
Cracked Corn, fine 1.00
Sunflower 4.25
Feed Millet 1.10
Steel Cut Oat Meal 1.40

"GOLD LEAF" TOBACCO POWDER.

Controls round worms. 2 lbs., 25c;
by mail, 35c; 10 lbs., 65c; 100 lbs.,
\$4.25.

PEAT MOSS.

Put up in tightly bound bales
weighing 130 to 140 pounds each. A
bale when opened up will measure
about 20 bushels and will cover an
area of 360 square feet an inch deep.

Coarse, for Poultry Litter. Bale,
\$2.65.

Medium, for Chick Litter, Bale,
\$2.70.

(See page 92 for Fine Peat Moss.)



S E L F-
L O C K I N G
E G G C A R-
T O N S. For
m a r k e t i n g
e g g s.
12, 20c; by
mail, 25c;
100, \$1.35;
1, 0 0 0,
\$12.00.

GANTTER WATER FOUNTAIN.

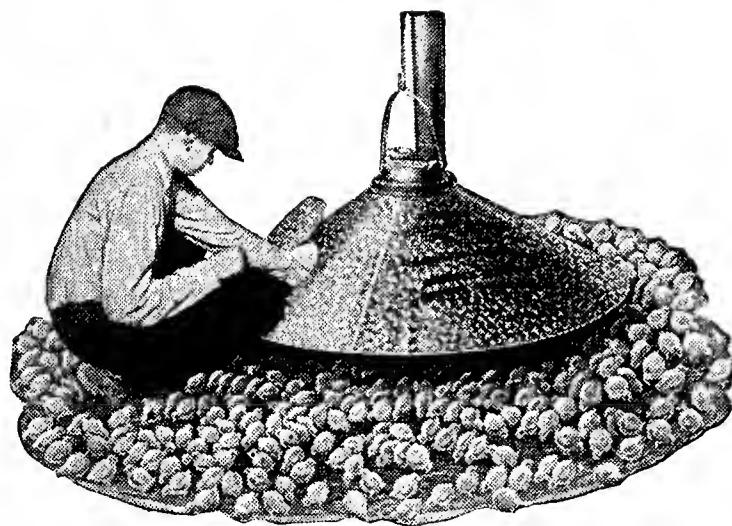
Made to fit any one or two-quart
jar. Galvanized iron. Without jar,
35c; by mail, 45c.

BUTTERMILK FEEDER.

Same as the
Gantter Wa-
ter Fountain
except made
of charcoal
tin. No clog-
ging. With-
out jar,
35c; by
mail, 45c.



Gantter Fountain.

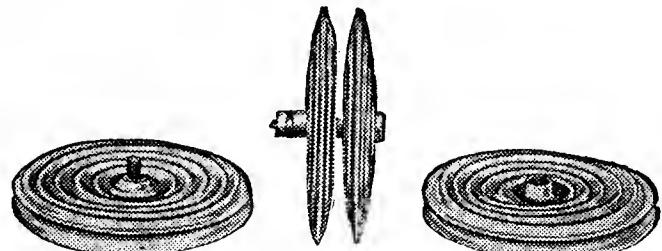


RELIABLE BROODERS.

Will burn coal or coke and can be used in
any kind of building in any weather. Has all
the latest improvements including Automatic
Regulator, which insures a steady heat and
saves fuel. Fully guaranteed.

Prices reduced.

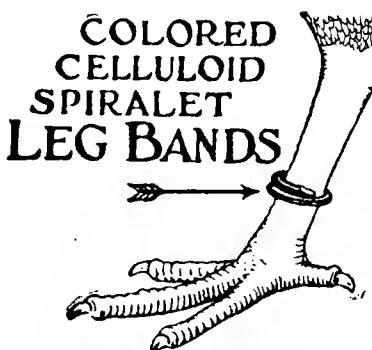
No. 9—42-inch canopy, 500 chicks. \$14.75
No. 10—52-inch canopy, 1,000 chicks. 18.50
No. 22—60-inch canopy, 1,200 chicks. 22.50



WAFER THERMOSTATS.

For any incubator or brooder. Accurate
and durable. Made double as
shown in cut.

Price, 50c, postpaid.



SPIRALET LEG BANDS.

(Celluloid)
Colors, blue,
red, yellow,
black and
green. Mention
the colors pre-
ferred. Three
sizes: Asiatic,
American, Leg-
horn: 12, 15c;
25, 30c; 100,

85c, postpaid.

(Spirals also for pigeons and for ban-
tams at the same price.)



SPIRALET NUMBER CLIPS.

Aluminum with large
embossed figures. Easily
and quickly put on the
spiralets. Will stay on. Two sizes.
Prices (reduced), either size, 25, 25c;
100, 75c, postpaid.



BANDETTEs.

A new style of cel-
luloid leg band num-
bered consecutively. 5
colors—blue, red, yel-
low, green and pink.
3 sizes—Asiatic,
American, Leghorn.
Box of 25, 65c; 4 box-
es, \$2.00, postpaid.

(Name size and color wanted.)

Double Clinch Leg Bands: 12 for 15c;
25 for 25c; 100, 65c, postpaid.

Smith Sealed Leg Bands: 12 for 30c;
25, 50c; 100, \$1.50, postpaid.



ALUMINUM LEG BANDS.

No. 1 Plain (Adjustable). Numbered
from 1 to 5,000. 25, 30c; 100, 85c,
postpaid.

CONKEY'S REMEDIES



Old Reliable Powder. (Formerly Roup Remedy.) The old standby. 25c, 50c and \$1.00; 30c, 55c and \$1.10, postpaid.

Balmo. (Canker Special.) 50c; 55c, postpaid.

Sulphur Candles. 15c, postpaid.

Head Lice Ointment. 10c, 25c; 15c, 30c, postpaid.

Poultry Worm Remedy. 25c and 50c; 30c and 60c, postpaid; 5 lbs., \$2.75; by mail, \$3.00.

Mite Liquid. Qt., 60c; 2 qts., 90c; 1 gal., \$1.50. Not mailable.

Poultry Tonic. 1 1/2 lbs., 25c; by mail, 35c; 3 1/4 lbs., 50c; by mail, 70c; 7 lbs., \$1.00; by mail, \$1.30.

Stock Tonic. 5 lbs., \$1.00; by mail, \$1.25.

Lice Powder. 5 ozs., 20c; by mail, 25c; 15 ozs., 35c; by mail, 40c; 48 ozs., 75c; by mail, 90c.

Noxicide. Pt., 40c; qt., 60c. Not mailable.

Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal., \$1.50; 5 gals., \$7.25. Not mailable.

Conkey's
Y
TRADE MARK
YEAST WITH COD LIVER OIL

Prices: 1 lb., 50c; by mail, 60c; 2 lbs., 90c; by mail, \$1.05; 5 lbs., \$1.60; by mail, \$1.85; 25 lbs., \$6.50; 100 lbs., \$19.50.

(Postage extra on larger sizes.)

F R E E, with Conkey order of \$1.00, Conkey Poultry Book.

(NOTE.—See pages 94 and 95 for general list of Poultry Feeds and Supplies. Also page 96 for "Special Bargain List").

For Chick Diarrhea
We Recommend
AVICOL



Don't sit back, and say your loss of baby chicks can't be stopped. It can be stopped—easily, quickly, and at almost no expense by using Avicol in the drinking water occasionally. Avicol is a special bowel astringent, and helps the chick withstand infection.

Easy to give. Simply drop an Avicol tablet in the drinking water. The chickens doctor themselves.

Price, 50c, by mail, 55c; large size (two and one-half times 50c size), \$1.00; by mail, \$1.10. Guaranteed.

DON SUNG
Tonic For
LAYING HENS

Don Sung is a concentrated medicine—no bulk or filler—ready to add to the mash-feed. It has a direct tonic action and doesn't force or hurt the hen in any way. It does its wonderful work by putting the hen in good health, and helping maintain that health.

Prices of Don Sung Tablets: Small guaranteed size, 50c, postpaid; large size (3 times 50c size), \$1.00, postpaid; special size (6 times \$1.00 size), \$5.00, postpaid.



PRATT'S REMEDIES



PRATT'S POULTRY REGULATOR.

Pkgs., 25c and 50c; 35c and 65c, postpaid; 9-lb. pkg., \$1.10; 12-lb. pkg., \$1.50; 12-lb. pail, \$1.65; 25-lb. bag, \$2.60; 100-lb. bag, \$9.75. Large sizes, postage extra.

Pratt's R. P. Tablets, 25c and 50c, postpaid.

Pratt's N. K. Capsules. (Poultry Worm Tablets.) For fowls: 50 capsules, \$1.00; 100 capsules, \$1.75; 500 capsules, \$7.00; 1,000 capsules, \$12.00. For chicks: 50 capsules, 65c; 100 capsules, \$1.00; 500 capsules, \$4.50. All postpaid.

Pratt's Chick Tablets. (Formerly White Diarrhea Remedy.) 25c and 50c, postpaid.

Poultry and Stock Disinfectant. Kills germs. Pint, 40c; qt., 60c; 2 qts., \$1.00; gal., \$1.60. Not mailable.

Red Mite Special. Qt., 60c; 2 qts., \$1.00; gal., \$1.60.

Powdered Lice Killer. 5 ozs., 12c; by mail, 17c; lb., 25c; by mail, 30c; 2 1/2 lbs., 50c; by mail, 60c.

Pratt's Poultry Worm Powder. 50c and \$1.00; by mail, 60c and \$1.15.

Pratt's Fly Chaser. Gal., \$1.50; 5 gals., \$6.25.

AVENARIUS

TRADE MARK

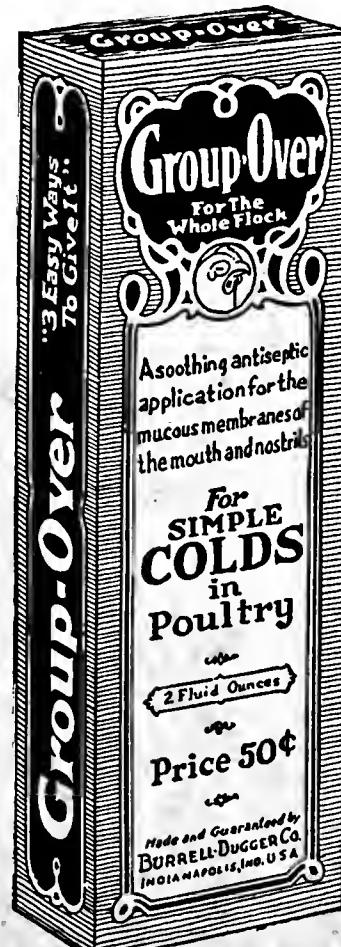
CARBOLINEUM

ticks and keep them away a whole year. Money refunded if it fails to do it.

Carbolineum is also very valuable as a wood preservative and stain. It is extensively used to preserve fence posts and fencing about poultry yards as well as to stain the exteriors of poultry houses, barns, shingle roofs, etc.

Prices: 1 gal., \$1.50; 5 gals., \$7.00; 10 gals., \$12.50.

Colds in Poultry Quickly Stopped



Wheezing, Rattling,

Choking Trouble

Conquered in 48 Hours

Keep a bottle of Group-Over on hand, and at the first symptom of a cold in your flock, start giving it to every affected bird. It clears the air passages and brings relief with magic quickness. Group-Over is easily given. It comes in a liquid form and a few drops do the work.

This famous remedy is positively guaranteed to give complete, prompt, and positive results, or your money will be refunded in full. There is nothing on the market like Group-Over for roup, colds, and canker.

Prices: 50c, by mail, 55c; large size \$1.00, by mail, \$1.10 (three times 50c size).



BEANS

PEAS

CORN

PEAS

BEANS

BEET

CABBAGE

PARSLEY

PARSNIP

ONION

SPINACH

RADISH

WATERMELON

RADISH

MUSKMELON

PUMPKIN

CUCUMBER

ONION

PEPPER

OLDS' Dollar Collection

32 Pkts. Wisconsin Standards

Worth \$2¹⁵; Price \$1⁰⁰, Postpaid

This is the largest Dollar Collection we have ever offered, 32 full sized packets of Vegetable Seeds (two of each of the peas), all from our regular high quality strains, the same as offered in the Catalog.

BEANS, Stringless Green Pod (15)	\$0.08
BEANS, Olds' Pencil Pod Black Wax (24) . .	.08
BEET, Olds' Improved Early Blood Turnip (41) .	.05
BEET, Crosby's Egyptian (51) . . . . .	.07
CABBAGE, Olds' Early Jersey Wakefield (70) .	.05
CARROT, Oxheart (103) . . . . .	.05
CUCUMBER, Olds' Early Fortune (160 $\frac{1}{2}$) . .	.08
CUCUMBER, Olds' Select White Spine (164) .	.10
LETTUCE, Grand Rapids (215) . . . . .	.05
LETTUCE, Olds' Wayahead (232) . . . . .	.05
MUSKMELON, Olds' Select Osage (239) . . . .	.07
ONION, Olds' Yellow Globe Danvers (285) . .	.07
ONION, Olds' Ex. Lge. Red Wethersfield (287) .	.06
ONION, Southport White Globe (292) . . . . .	.10
PARSLEY, Champion Moss Curled (305) . . . .	.05
PARSNIP, Olds' Improved Guernsey (310) . .	.05
PEAS, Olds' Best Ex. Early (320 $\frac{1}{2}$) (2 pkts.)	.16
PEAS, Olds' English Wonder (333) (2 pkts.)	.20
PEPPER, Ruby King (350) . . . . .	.07
PUMPKIN, Sugar Pie (363) . . . . .	.06
RADISH, White Icicle (385) . . . . .	.05
RADISH, Olds' Imp. French Breakfast (373) .	.06
RADISH, Olds' Crimson Giant (376) . . . . .	.06
SPINACH, Bloomsdale (402) . . . . .	.05
SQUASH, True Hubbard (411) . . . . .	.10
SWEET CORN, Golden Bantam (142) . . . . .	.05
SWEET CORN, Olds' Early Evergreen (145) .	.07
TOMATO, Spark's Earliana (425) . . . . .	.05
TURNIP, Olds' Purple Top White Globe (465) .	.05
WATERMELON, Kleckley's Sweet (270) . . . .	.06

Total Value \$2.15

SPECIAL PRICE, \$1.00, POSTPAID

This Collection cannot be altered.